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Vision Statement
Utilizing current technologies, we strive to engage lifelong learners and prepare them to achieve excellence in schools, colleges, and careers in a global society.

Mission Statement
The mission of Virtual Schools of Excellence is to be the premier international online school, by delivering an engaging, rigorous, and quality educational experience. Our online learning environment encourages students to achieve academic excellence, and to develop their leadership potential focused on stewardship, character, and service to community.

Statement of Beliefs
Virtual Schools of Excellence believes that we are your educational partner and you can expect us to deliver a high quality educational opportunity based on the following:

- Student learning is our top priority.
- A variety of learning activities must be included in the curriculum to accommodate differences in student learning.
- Ongoing evaluation and improvement of the curriculum is crucial to the development of a sound educational program.
- A supportive and challenging learning environment increases a student's potential for responsible decision-making.
- Teachers, administrators, and parents share the responsibility to create a safe and healthy environment, which promotes student learning.
Virtual Schools of Excellence is fully accredited through AdvancEd as an Independent Online School. Virtual Schools of Excellence has been awarded accreditation by the North Central Association Commission on Accreditation and School Improvement (NCA CASI), the Northwest Accreditation (NWA CASI) and the Southern Association Commission on Accreditation and School Improvement (SACS CASI), the regional agencies that span the AdvancedED global network. We are approved by NCAA for those intending to participate in collegiate level athletics and our Advanced Placement courses are College Boards approved to receive the AP® designation on transcripts. Our school has multiple programs of interest designed to meet the needs of our students, including a dual enrollment opportunity with colleges for advanced students, and the opportunity for all students to major or minor in areas of personal interest.

We work in partnership with families directly so that students can work from anywhere on their Personal Learning Plans and graduate with a Virtual Schools of Excellence Diploma. We also partner directly with brick and mortar schools or networks to provide online courses with teachers to support their needs and curriculum expansion.
STREAM IT!


.............Individualized Timing!

The Virtual Schools of Excellence STREAM IT! model evolves from understanding each child’s needs and then creating flexible learning environments and schedules to allow for truly individualized learning pathways. Each student must be exposed to the best of curriculum and instruction that meets their needs, but most importantly, it's about the pacing and individualized blending of face to face, online and experiential learning that makes the difference in how students learn, how much they learn, and if they learn how to learn, a critical skill for a generation who will be changing careers many times throughout their lives.

Personal Education Plans

Each full time student gets an individualized plan, a Personal Education Plan, which includes core academic subjects and more. As an upper echelon international Independent school, the VSOE model looks at what is outside the general curriculum in a traditional school and offers a personalized plan for learning designed to focus on each student's future career and college goals. Students begin with a personalized “Student Success Orientation” course, designed to create a readiness for online learning profile and to begin a student portfolio that ties in with personalized learning plans.

In addition to the traditional core subjects, the focus of each student's program can become enhanced experiential learning through community partnerships,
internships, symposiums, rehearsals, coaching with adjunct faculty with industry credentials and career experiences.

Our “Cyber Hub” model of academic coaching is focused on providing educational services and experiential learning opportunities for students who want enrichment or support.

**Majors & Minors**

Full-time students may choose a *Major* or *Minor* in one of our Career and Technical Education focused clusters, in World Languages, in Theology, or in International Studies.

**Course Offerings**

Virtual Schools of Excellence 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.
Upper School Graduation Plan

GRADUATION PLAN REQUIREMENTS (21+ CREDITS)

MAJOR &/OR MINOR

CORE CLASSES

WORLD LANGUAGES

MATH (4)

SOCIAL STUDIES (3)

P.E. & HEALTH (1)

LANGUAGE ARTS (4)

WORLD LANGUAGES (2)

SCIENCE (3)
UPPER SCHOOL: English Course Offerings

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

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. They will delve into the language of poetry and experience author’s style and voice. The student will study “The Tragedy of Romeo and Juliet” and “The Odyssey”. 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
Survey of Literature Honors
Grade Level: 9-12 (1.0 credit)

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 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. They will delve into the language of poetry and experience author’s style and voice. The student will study “The Tragedy of Romeo and Juliet” and “The Odyssey”. 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**  
World Literature  
Grade Level: 9-12 *(1.0 credit)*

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.

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**English III**
American Literature
Grade Level: 9-12 *(1.0 credit)*

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 embracing 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.

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they enhance their study of Language Arts while mastering the technological skills necessary in today’s academic environment.

**English IV**  
British Literature  
Grade Level: 9-12 (1.0 credit)

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.

**English IV Honors**  
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while mastering the technological skills necessary in today’s academic environment.

**AP® English Language and Composition**

**Grade Level:** 10-12 *(1.0 credit)*

Students in this introductory college-level course read and carefully analyze a broad and challenging range of literary selections, deepening their awareness of rhetoric and how language works. Through close reading and frequent writing, students develop their ability to work with language and text with a greater awareness of purpose and strategy while strengthening their own composing abilities. Course readings feature expository, analytical, personal and argumentative texts from a variety of authors and historical contexts. We will examine literature from around the world and students will frequently confer about their writing on the “Discussion Post”. AP® exams are given in May on material covered in this course.

**AP® English Literature and Composition**

**Grade Level:** 10-12 *(1.0 credit)*

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 epic.”
UPPER SCHOOL:

Mathematics Course Offerings

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

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.

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

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

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.

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

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.

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

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.

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

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.
Trigonometry
Grade Level: 9-12 (1.0 credit)

In Trigonometry, students learn about the relationships between the sides and the angles of triangles and how to make calculations based on them using trigonometric functions. This course is recommended for students planning to pursue technical fields that will require a strong math foundation. This course is recommended for students in grades 9-12 having completed Geometry and Algebra II with a good understanding of the concepts taught in these courses.

Pre-Calculus
Grade Level: 9-12 (1.0 credit)

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
Grade Level: 9-12 (1.0 credit)

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.

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

This course emphasizes the study of functions, graphs, and limits; theory, techniques and applications of derivatives and integrals; and polynomial approximations and series. A scientific calculator with graphing capabilities is required. Instruction and assessment of instruction will be based on the
presentation of the calculus graphically, numerically, analytically, and using written explanation. The instructor will model these elements and expect the students to model these elements daily in their own preparation for the course and in assessment. Daily preparation is required for success Calculus AB. This course fulfills the requirements for preparation for Advanced Placement Calculus AB exam.

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

This course emphasizes the study of functions, graphs, and limits; theory, techniques and applications of derivatives and integrals; and polynomial approximations and series. A scientific calculator with graphing capabilities is required. Instruction and assessment of instruction will be based on the presentation of the calculus graphically, numerically, analytically, and using written explanation. The instructor will model these elements and expect the students to model these elements daily in their own preparation for the course and in assessment. Daily preparation is required for success in Calculus BC. This course fulfills the requirements for preparation for the Advanced Placement Calculus BC exam.

**AP Computer Science A *A**
Grade Level: 9-12 *(1.0 credit)*

The AP Computer Science A course is equivalent to a first-semester, college-level course in computer science. The course introduces students to computer science with fundamental topics that include problem solving, design strategies and methodologies, organization of data (data structures), approaches to processing data (algorithms), analysis of potential solutions, and the ethical and social implications of computing. The course emphasizes object-oriented and imperative problem solving and design using the Java language. These techniques represent proven approaches for developing solutions that can scale up from small, simple problems to large, complex problems. The AP Computer Science A course curriculum is compatible with many CS1 courses in colleges and universities.

**AP Computer Science Principles *A**
Grade Level: 9-12 *(1.0 credit)*

AP Computer Science Principles introduces students to the central ideas of computer science, instilling the ideas and practices of computational thinking, and inviting students to understand how computing changes the world. Students develop innovative computational artifacts using the same creative processes artists, writers, computer scientists, and engineers use to bring ideas to life.
**Statistics**  
Grade Level: 9-12 (*1.0 credit*)

Statistics (Stats) stresses the practical use of statistics in the collecting, organizing, analyzing, interpreting, and presenting of data. Both descriptive and inferential techniques are covered.

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

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.
UPPER SCHOOL:

Science Course Offerings

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

This course investigates the relationship between structure and function from molecules to organisms and systems, the interdependence and interactions of biotic and abiotic 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 I Creationism
Grade Level:  9-12 (1.0 credit)

In this course, students will study the cell, the molecular basis of heredity, biological creation, interdependence of organisms, matter and energy, and organization in living systems and the behavior of organisms.

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

This course investigates the relationship between structure and function from molecules to organisms and systems, the interdependence and interactions of biotic and abiotic 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.

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

This course engages in an in-depth study of the principles of biology. This course emphasizes internal and external anatomical structures and their 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.
**Chemistry**  
**Grade Level:** 9-12 (*1.0 credit*)

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

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.

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

The AP® Chemistry course is designed to be the equivalent of the general chemistry course usually taken during the first college year. For some students, this course enables them to undertake, in their first year, second year work in the chemistry sequence at their institution or to register in courses in other fields where general chemistry is a pre-requisite. 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. The College Board recommends that students who take AP® Chemistry should have successfully completed a first-year course in chemistry and have attained mastery of the math skills from Algebra I and II. AP® Chemistry builds on the skills and knowledge attained in a standard high school chemistry course and provides the student with an opportunity to develop a deeper understanding of chemistry and the ability to think critically and to solve problems. Students who successfully complete this course should be well prepared to take the AP® Chemistry exam in May. 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.
Earth Science
Grade Level:  9-12 (1.0 credit)

This course explores origins and the connections between the physical, chemical, and biological processes of the earth system. Students experience the content of Earth Science through inquiry-based laboratory investigations and focus on topics associated with matter, energy, crystal dynamics, cosmic evolution, and structure, cycles, geochemical processes, and the expanded time scales needed to understand events in the earth system. Earth Science provides the knowledge, skills, and habits of mind needed for problem solving and ethical decision making about scientific and technological issues. Embedded standards for Inquiry and Technology & Engineering are taught in the context of the content standards for the Universe, Energy in the Earth System, Cycles in the Earth System, and Geologic History.

Earth Science Honors
Grade Level:  9-12 (1.0 credit)

This course explores origins and the connections between the physical, chemical, and biological processes of the earth system. Students experience the content of Earth Science through advanced, inquiry-based laboratory investigations and focus on topics associated with matter, energy, crystal dynamics, cosmic evolution, and structure, cycles, geochemical processes, and the expanded time scales needed to understand events in the earth system. Earth Science provides the knowledge, skills, and habits of mind needed for problem solving and ethical decision making about scientific and technological issues. Embedded standards for Inquiry and Technology & Engineering are taught in the context of the content standards for the Universe, Energy in the Earth System, Cycles in the Earth System, and Geologic History.

Environmental Science
Grade Level:  9-12 (1.0 credit)

This course enables students to develop an understanding of natural and fabricated environments and environmental problems the world faces. Students explore environmental science concepts through an inquiry-based approach. Embedded standards for Inquiry and Technology & Engineering are taught in the context of the content standards for Earth Systems, The Living World, Human Population, Water and Land Resources, Energy Resources and Consumption, Pollution and Waste Production, Global Change, and Civic Responsibility.

Environmental Science Honors
Grade Level:  9-12 (1.0 credit)

This course enables students to develop an understanding of natural and fabricated environments and environmental problems the world faces. Students explore environmental science concepts through an inquiry-based approach.

**AP® Environmental Science *A**
Grade Level: 10-12 (1.0 credit)

The AP® Environmental Science course is a full-year course designed to be the equivalent of a one-semester, introductory college course in environmental science. Unlike most other introductory-level college science courses, environmental science is offered from a wide variety of departments, including geology, biology, environmental studies, environmental science, chemistry, and geography. This particular course is developed in an online “Module” format so that each “module” is approximately three weeks of content. The AP® Environmental Science course has been developed to be like a rigorous science course that stresses scientific principles and analysis and includes an online and at-home video taped laboratory component; as such, it is intended to enable students to undertake, as first-year college students, a more advanced study of topics in environmental science to fulfill a basic requirement for a laboratory science and thus free time for taking other courses.

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

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

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.

**AP® Physics 1 *A**
Grade Level: 10-12 (1.0 credit)
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.

**Physical Science *A***
**Grade Level: 9-10 (1.0 credit)**

This course explores the relationship between matter and energy. Students investigate physical science concepts through an inquiry-based approach. Embedded standards for Inquiry, Technology & Engineering, and Mathematics are taught in the context of the content standards for Energy, Matter, Motion, and Forces.

**Marine Science**
**Grade Level: 9-12 (1.0 credit)**

This course includes with aspects of geology, chemistry, physics, climatology, environmental science and biology as they apply to the oceans. Its goal is to present science in a social context and to give students the foundation needed to be intelligent participants in important societal discussions that involve environmental issues touching on oceans, climate and coastal zones.

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

This course includes with aspects of geology, chemistry, physics, climatology, environmental science and biology as they apply to the oceans. Its goal is to present science in a real-world, social context and to give students the foundation needed to be intelligent participants in important societal discussions that involve environmental issues touching on oceans, climate and coastal zones.

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

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.

**Oceanography**
**Grade Level: 9-12 (0.5 credit)**
This course deals with aspects of geology, chemistry, physics, climatology, environmental science and biology as they apply to the oceans. Its goal is to present science in a social context and to give students the foundation needed to be intelligent participants in important societal discussions that involve environmental issues touching on oceans, climate and coastal zones.
UPPER SCHOOL:

Social Studies Course Offerings

**World History *A**
Grade Level: 9-12 (1.0 credit)

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 in order 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.

**World History Honors *A**
Grade Level: 9-12 (1.0 credit)

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 in order 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.

**AP® World History *A**
Grade Level: 10-12 (1.0 credit)

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 Cultures/Geography *A**
Grade Level: 9-12 (1.0 credit)

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 Cultures/Geography Honors *A
Grade Level: 9-12 (1.0 credit)

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.

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

AP® Human Geography is a year long course that focuses on the distribution, processes, and effects of human populations on the planet. This course is designed based on the seven units of study developed by the AP® College Board in the course outline.

U.S. History *A
Grade Level: 9-12 (1.0 credit)

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, economics, international diplomacy.

AP® U.S. History *A
Grade Level: 10-12 (1.0 credit)

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 a greater degree of academic diligence, by being current with all readings and assignments & integrating ideas and concepts learned in previous history classes.
American Government *A
Grade Level: 9-12 (0.5 credit)

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.

Anthropology I
Grade Level: 9-12 (1.0 credit)

This course examines family and kinship, religion, economics, politics, survival of indigenous groups, and Western influences from an anthropological perspective to gain appreciation for cultural and ethnic diversity. Students gain an understanding of the differences and similarities, both biological and cultural, in human populations and recognize the characteristics that define their own culture while gaining an Appreciation for the culture of others.

Psychology I
Grade Level: 9-12 (1.0 credit)

Psychology is a course designed to focus on the scientific and systematic analysis of human and animal behavior. Students will look into 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, in order to gain a better understanding of how a community or social group functions for either simple to complex social systems.

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

Students will study psychology with the express purpose being their preparation to successfully take the A.P. Exam for Psychology.

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

The Economics course provides students with an introduction to the foundational principals of the economics of the world. Instruction ranges from markets and demand, GDP, banking, policy, inflation, and unemployment, to trade, currency and competition.
Personal Finance *A
Grade Level: 9-12 (0.5 credit)

The Personal Finance course is designed to prepare students with the skills and knowledge needed to shape their financial future. The course will provide a toolkit of knowledge resources that will empower students to make informed financial decisions.

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

The Economics course provides students with an introduction to the foundational principals of the economics of the world. Instruction ranges from markets and demand, GDP, banking, policy, inflation, and unemployment, to trade, currency and competition.

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

The purpose of an AP course in Microeconomics is to provide a thorough understanding of the principles of economics that apply to the functions of individual decision makers, both consumers and producers, within the larger economic system. It places primary emphasis on the nature and functions of product markets, and includes the study of factor markets and of the role of government in promoting greater efficiency and equity in the economy.

Civics
Grade Level: 9-12 (0.5 credit)

Civics is a one semester course accompanying U.S. Government that is intended to enlighten and educate students about the concepts, virtues, hallmarks, rights and responsibilities of being a citizen within the United States and its political system. This course will have students examine and analyze the actions and rights that citizens exercise when participating in a national entity, while exploring all the facets of the symbiotically relationship that exists between a political body and its citizenry.
UPPER SCHOOL:

World Language Course Offerings

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

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 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.

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

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 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.

French III Honors
Grade Level: 9-12 (1.0 credit)

French 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.

French IV Honors
Grade Level: 9-12 (1.0 credit)

French 4 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.

**AP® French Language & Culture**
Grade Level: 10-12 *(1.0 credit)*

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.

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

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

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

Latin III builds off of information and concepts acquired from Latin I and II and 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. 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.

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

AP Latin is designed to provide advanced high school students with a rich and rigorous Latin course, approximately equivalent to an upper-intermediate (typically fourth or fifth semester) college or university Latin course. After you have successfully completed the course, you will be able to read, understand, translate, and analyze Latin poetry and prose.

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

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

Spanish II 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 III Honors**
Grade Level: 9-12 (1.0 credit)
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 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 IV Honors**
Grade Level: 9-12 *(1.0 credit)*

Spanish 4 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.

**AP® Spanish Language & Culture**
Grade Level: 10-12 *(1.0 credit)*

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.

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

In this course, learners will be introduced to the basics of the Chinese language. It ranges from vocabulary, grammar rules, to sentence structures. Learners will understand and use familiar everyday expressions and basic phrases to interact with others. After completion of the course, they will understand and use familiar everyday expressions and very basic phrases. They will also introduce themselves to others; ask and answer questions about personal details such as where they live, people they know, and things they have. In the second half of the year, students will be challenged to retain previous knowledge, as well as understand more complicated grammar rules and sentence structures. After completion of
the course, learners will understand sentences and frequently used expressions related to introducing yourself, daily life, and family. Learners will also communicate in simple and routine tasks requiring a simple and direct exchange of information and routine matters.

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

In this course, learners will be challenged to retain previous knowledge, as well as understand more complicated grammar rules and sentence structures. After completion of the course, learners will understand sentences and frequently used expressions related to time and weather, in town, and accommodations. Learners will also communicate in simple and routine tasks requiring a simple and direct exchange of information and routine matters. In the second half of this course, learners will be challenged to retain previous knowledge, as well as understand more complicated grammar rules and sentence structures. After completion of the course, learners will understand sentences and frequently used expressions related to going shopping, being invited, and working. Learners will also communicate in simple and routine tasks requiring a simple and direct exchange of information and routine matters.

**Chinese III Mandarin**  
**Grade Level:** 9-12 *(1.0 credit)*

In this course, learners will be challenged to retain previous knowledge, as well as understand more complicated grammar rules and sentence structures. After completion of the course, learners will understand sentences and frequently used expressions related to time and weather, in town, and accommodations. Learners will also communicate in simple and routine tasks requiring a simple and direct exchange of information and routine matters. Learners will also communicate in simple and routine tasks requiring a simple and direct exchange of information and routine matters.

**Chinese IV Mandarin**  
**Grade Level:** 9-12 *(1.0 credit)*

In this course, learners will be challenged to retain previous knowledge, as well as understand more complicated grammar rules and sentence structures. After completion of the course, learners will understand sentences and frequently used expressions related to time and weather, in town, and accommodations. Learners will also communicate in simple and routine tasks requiring a simple and direct exchange of information and routine matters. Learners will also communicate in simple and routine tasks requiring a simple and direct exchange of information and routine matters. Learners will make real-world connections using concepts and content gained.

**AP® Chinese Language and Culture**  
**Grade Level:** 9-12 *(1.0 credit)*
AP® Chinese is short for Advanced Placement Chinese Language and Culture Course and Exam. AP® Chinese course is designed to be comparable to 4th semester/250 hours of college level instruction. Course work provides students with opportunities to perform Intermediate- to Advanced-level tasks, and students are expected to achieve proficiencies throughout, and sometimes beyond, the Intermediate range in three communication modes according to the Standards for Foreign Language Learning in the 21st Century.

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

**Italian I**  
Grade Level: 9-12 *(1.0 credit)*  
Italian 1 has been designed to teach students the basic fundamentals of Italian. Students will be able to write, speak, read, and understand basic vocabulary words, present tense verbs, and basic phrases to interact with others. At the end of the course, students will be able to introduce themselves to others, describe their hobbies, and answer questions about their age and where they are from.

**Italian II**  
Grade Level: 9-12 *(1.0 credit)*  
Italian 2 has been designed to teach students the basic fundamentals of Italian. Students will be able to write, speak, read, and understand basic vocabulary words, imperfect verb tense, present perfect verb tense, future verb tense to interact with others. At the end of the course, students will be able to talk about sports, make a hotel reservation in Italian, and talk about their future plans.

**American Sign Language I**  
Grade Level: 9-12 *(1.0 credit)*  
This course introduces the fundamental elements of American Sign Language within a cultural context. Emphasis is placed on the development of basic expressive and receptive skills. Upon completion, students will be able to comprehend and respond with grammatical accuracy to expressive American Sign Language and demonstrate cultural awareness.
UPPER SCHOOL:

Physical Education Course Offerings

High School Health *A
Grade Level: 9-12

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.

HOPE – Health Opportunities in Physical Education
Grade Level: 9-12 (0.5 credit)

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.

Personal Fitness
Grade Level: 6-12 (0.5 credit)

This course concentrates on the principles of being fit and includes subjects such as evaluating fitness, flexibility, anatomy and physiology of body systems as they relate to being fit (oxygen transport, heart health, muscle fibers, etc.), nutrition, hydration, and designing a personal fitness program. Students acquire knowledge of physical fitness concepts, understand the influence of lifestyle on health and fitness, and begin to develop an optimal level of fitness.
UPPER SCHOOL ELECTIVES:

Career & Technical Elective Course Offerings

- Our Career and Technical Education programs are designed to provide students with an overview of the career requirements in a variety of industries.
- This program will prepare students for sitting the Industry Certification Exams or Boards as appropriate for each career choice.
- Flexibility is provided for students to enjoy internships, volunteer activities, and build personal portfolios in preparation for the world of work after or during college (see Appendix A).

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

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 impetus 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. Completion of this course includes preparation for the Microsoft Office Industry Certification Exams: Word 2016, Excel 2016, PowerPoint 2016, and CompTIA A+.

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

This course is designed to develop basic entry-level skills required for careers in the digital publishing industry. The content includes computer skills; digital publishing concepts and operations; layout, design, and measurement activities; and digital imaging as well as communication, collaboration and decision-making activities; critical thinking; and problem solving. Completion of this course includes preparation for the InDesign CC Industry Certification Exam.

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

This course continues the development of basic entry-level skills required for careers in the digital publishing industry. The content includes computer skills; digital publishing operations; layout, design, and measurement activities; and digital imaging as well as communication, collaboration and decision-making activities; critical thinking; and problem solving. Completion of this course includes preparation for the Illustrator CC Industry Certification Exam.
Digital Design III  
Grade Level: 9-12 (1.0 credit)  
This course continues the development of industry-standard skills required for careers in the digital publishing industry. The content includes the use of a variety of software and equipment to perform digital publishing and digital imaging activities as well as communication, collaboration and decision-making activities; critical thinking; and problem solving. Completion of this course includes preparation for the Dreamweaver CC Industry Certification Exam.

Networking I  
Grade Level: 9-12 (1.0 credit)  
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. Completion of this course includes preparation for the CompTIA Linux+ Industry Certification Exam.

Networking II  
Grade Level: 9-12 (1.0 credit)  
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. Completion of this course includes preparation for the CompTIA Network+ Industry Certification Exam.

Cyber Security Fundamentals  
Grade Level: 9-12 (1.0 credit)  
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.

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

**Investigating Careers *A**  
Grade Level: 9-12 *(1.0 credit)*

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.

**Mastering Microsoft Excel *A**  
Grade Level: 9-12 *(1.0 credit)*

This course will provide you with the skills and knowledge for mastering Microsoft Excel. All the data you need is provided within the course, all assignments are designed to be done in MS Excel, and you will learn enough Excel to complete all assignments. The course will provide practice with Excel in order to become fluent in its most commonly used business functions.

**Creative Photography I**  
Grade Level: 9-12 *(0.5 credit)*

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.

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

Students explore areas such as bacteriology, sterilization and sanitation, hair styling, manicuring, shampooing and the principles of hair cutting, hair styling, hair coloring, skin care, and facial makeup. The student researches careers in the personal care services industry. To prepare for success, students must have skills relative to this industry, as well as academic knowledge and skills.

**Business Communications**  
Grade Level: 9-12 *(0.5 credit)*
This course teaches students the kind of writing and speaking used in business, from the routine report to the long formal report. Students learn to prepare a professional resume and how to have a successful in a job interview. Focus is also on the legal aspects of writing official communications that touch on people’s civil rights.

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

This course is an introduction to the goals, processes, and operations of business enterprises for students. The focus is on the functions that a company—whether a multinational corporation or a corner grocery store—must manage effectively in order to be successful. These include accounting, finance, human resource management, marketing, operations management, and strategic planning. Attention is also given to the legal environment in which businesses operate, and the importance of business ethics and corporate citizenship.

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

This CTE Business course is appropriate for both students on a business career path as well as students seeking to attend college in a business-related field.

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

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.

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

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.

**Financial Literacy**  
Grade Level: 9-12 (0.5 credit)

This course provides students with the essential understanding about managing their money. The focus is on sources of personal income, saving, and spending patterns. Students learn such things as how to budget, how to make large purchases, how to invest, and how to minimize taxes.
**Information Management I *A**  
Grade Level: 9-12 (1.0 credit)  
Many fields today require some degree of technical experience in the management of information systems. This CTE course lays a foundation that is useful in a variety of career paths or college.

**Information Management II *A**  
Grade Level: 9-12 (1.0 credit)  
This CTE Business course expands on the foundation of concepts and skills of Information Management I in the planning, implementing and managing of systems in a variety of real-world applications.

**Medical Terminology *A**  
Grade Level: 9-12 (1.0 credit)  
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.

**Foundations of Corporate Finance Law**  
Grade Level: 9-12 (1.0 credit)  
This course is an introduction to business law which covers the fundamentals, including contracts, liability, regulation, employment, and corporations, with an in-depth treatment of the law of finance, including law-sensitive aspects of M&A transactions, national and international financial and securities markets, venture capital and private equity, the financial structure of the corporation and other business entities, antitrust, bankruptcy and reorganization, the regulation of financial service providers, and the regulatory and liability risks associated with innovative financial products and services.

**Foundations of Immigration Law**  
Grade Level: 9-12 (1.0 credit)  
This course will explore the legal, historical, and policy perspectives that shape U.S. law governing immigration and citizenship. We will examine the constitutional and international law foundations underlying immigration regulation, the history of immigration law in the U.S., the source and scope of congressional and executive branch power in the realm of immigration, and the role of the judiciary in making and interpreting immigration law. In the course of that exploration, we will address citizenship and naturalization, the admission and removal of immigrants and nonimmigrants, and the issues of undocumented immigration and national security. We will also analyze the impact of immigration in other areas, including employment, criminal law, family unification, international human rights law, and discrimination.
Foundations of Sports Management  
Grade Level:  9-12 (1.0 credit)  

This introductory course emphasizes basic management principles as they relate to the sports-related enterprises. A variety of marketing techniques and approaches are analyzed to broaden students’ background in this area and to better allow them to develop effective and comprehensive sports marketing plans.

Architecture & Construction Career Elective Offerings

Electrical Technology I *A  
Grade Level:  9-12 (1.0 credit)  

The Electrical I course teaches students everything they need to know about how electricity behaves. Starting from the basic scientific principles, it covers the following topics and related skills: matter, electron theory, magnetism, electricity, electromagnetism, use of Electromagnetism, the Electrical Circuit, and electrical Formulas.

Electrical Technology II *A  
Grade Level:  9-12 (1.0 credit)  

The Electrical II course reinforces and applies real-world application to concepts obtained through Electrical I.

HVAC/R Technology I *A  
Grade Level:  9-12 (1.0 credit)  

This CTE course, is filmed in 3-D and gives students who are interested in a career path in an electrical-related field- including general construction- a foundation of knowledge and practice necessary for a successful career.

HVAC/R Technology II *A  
Grade Level:  9-12 (1.0 credit)  

This Heating-Ventilation-Air Conditioning-and Refrigeration 3-D course builds on the knowledge and skills taught in HVAC-R I to provide students the preparation they need for their career and for their HVAC-R certification exam.

Plumbing Technology I *A  
Grade Level:  9-12 (1.0 credit)  

This CTE Plumbing course, is filmed in 3-D, and provides students with a basic foundation of knowledge and skill required for a career in the plumbing technology field. It is also useful for students designing a career in general construction. It is the first in a two-part course of study preparing a career in general construction and for the Plumbing Technology certification.
Plumbing Technology II *A  
Grade Level: 9-12 *(1.0 credit)*

This CTE Plumbing course is filmed in 3-D and builds on the principles and skills of Plumbing Technology I to provide students with the additional knowledge and preparation they need both practically for their career as well as for the HVAC-R certification exam.

Fine Arts Elective Offerings

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

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.

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

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.

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

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.

Film Essentials  
Grade Level: 9-12 *(0.5 credit)*

Through this course, students will learn the essentials to film terminology, techniques, and technology.
Study Skills & Test Preparation Elective Offerings

**College Test Prep** *(0.5 credit)*

Get over 60 hours of multimedia lessons, 4 full-length online practice tests, and the official download prep book to prepare you for the Critical Reading, Math, and Writing sections of the SAT.

**College and Career Readiness - Technical Writing** *(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.

**Journalism: Mass Communications**  
Grade Level:  9-12 *(0.5 credit)*

This course is designed to give students an opportunity to explore and to develop basic skills for a career in journalism. The content of this course includes, but is not limited to, the following: developing skills in news judgment, fact gathering, photography, headline and caption writing, graphic design and layout, proofing, editing, and advertising.

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

This multidisciplinary course enables students to develop fundamental knowledge of the skills in the research process. Students gain the ability to choose among research topics as they relate to various fields such as science, history, and literature. The course promotes research skills and students learn to evaluate research claims made in the media, literature and other sources.

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

This course looks at key issues in the historical development and current state of modern American criminal justice, with an emphasis on its relationship to citizenship, nationhood, and race/ethnicity. We begin with a range of perspectives on the rise of what is often called "mass incarceration": how did our current system of criminal punishment take shape, and what role did race play in that process?
MIDDLE SCHOOL:

Middle School Core Academic Course Offerings

**MJ Language Arts *A**
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.

**Pre-Algebra *A**
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 *A**
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 *A**
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 *A**
Grade Level: 7 (1 year)

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 *A**
Grade Level: 7 (1 year)

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 *A**
Grade Level: 7 (1 year)

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**
Grade Level: 7 (1 year)

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 Cultures/Geography *A**
Grade Level: 7 (1 year)

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 *A**
Grade Level: 6 (1 year)

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 *A**
Grade Level: 6 (1 year)

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 *A**
Grade Level: 6 (1 year)
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 *A**
Grade Level: 6-8 (1 year)

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 *A**
Grade Level: 6-8 (1 year)

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:

Middle School Elective Course Offerings

MJ Keyboarding
Grade Level: 6-8 (1 year)

Keyboarding and Computers teaches students basic parts of the computer and common computer terms. Students will learn to use correct posture and learn to key by “touch.” Keying by touch means they are feeling the keyboard rather than watching their fingers as they key. They learn to use correct techniques and correct spacing as they key the alphabetic keys, the numeric keys, symbols, marks of punctuation, and the numeric keypad. Student will be able to show improvement in accuracy and speed.

MJ Art History
Grade Level: 6-8 (1 year)

Art History will teach students about the complex world of art & creation through examining artistic techniques, individual artists, artistic movements, and different cultures. Students will view and analyze the various mediums used in creating art. Students will learn how art formed in its infancy to how it developed into complex techniques. Through reading, research, slides, and videos, students will view important works of art from around the world and throughout time. Students will develop the ability to understand artistic terminology, an Appreciation for making and displaying art, an understanding of the purpose & function of art, an ability to analyze artwork & art forms, and the ability to examine a variety of art while being able to explain and articulate the skill and value of the field of art.

MJ Creative Photography I
Grade Level: 6-8 (1 semester)

Creative Photography I 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.

MJ Digital Arts
Grade Level: 6-8

Digital Arts focuses on an introduction to digital photography, editing, video, and web-design.
**MJ Health *A**  
Grade Level: 6-8 (1 year)

Physical Education covers health and safety understanding the human body, growth and development, self-esteem, decision-making skills, personal health and hygiene, disease prevention and prevention of child abuse.

**MJ Personal Fitness**  
Grade Level: 6-8 (1/2 year)

This course concentrates on the principles of being fit and includes subjects such as evaluating fitness, flexibility, anatomy and physiology of body systems as they relate to being fit (oxygen transport, heart health, muscle fibers, etc.), nutrition, hydration, and designing a personal fitness program. Students acquire knowledge of physical fitness concepts, understand the influence of lifestyle on health and fitness, and begin to develop an optimal level of fitness.

**MJ Mastering Microsoft Excel *A**  
Grade Level: 6-8 (1 year)

This course will provide you with the skills and knowledge for mastering Microsoft Excel. All the data you need is provided within the course, all assignments are designed to be done in MS Excel, and you will learn enough Excel to complete all assignments. The course will provide practice with Excel in order to become fluent in its most commonly used business functions.

**MJ Spanish I *A**  
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.

**MJ Health *A**  
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.

**World Language Survey**  
Grade Level: 6-8

Students will be able to survey world languages, in this course, including: Spanish, French, German, Italian, Latin, and Chinese.
ELEMENTARY SCHOOL:

Elementary Course Offerings

Language Arts *A
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 *A
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 *A
Grade Level: 5

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 *A
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 *A  
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 *A  
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 *A  
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 *A  
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 *A  
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 *A  
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 *A  
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 *A**
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 *A**
Grade Level: 2 (1.0 credit)

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 *A**
Grade Level: 2 (1.0 credit)

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 *A**
Grade Level: 2 (1.0 credit)

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** *A*

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** *A*

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** *A*

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** *A*

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** *A*

Grade Level: 1

Social Studies helps students learn about people and community around them.
### Language Arts *A*

**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 *A*

**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 *A*

**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 *A*

**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.
ELEMENTARY SCHOOL:

Elementary Elective Course Offerings

Discover French *A
Grade Level: 3-5 (1 year)

An exploration of age appropriate topics, vocabulary, activities and experiences designed to meet the needs of students in French.

Discover German *A
Grade Level: 3-5 (1 year)

An exploration of age appropriate topics, vocabulary, activities and experiences designed to meet the needs of students in German.

Discover Spanish *A
Grade Level: 3-5 (1 year)

Discover Spanish 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 Physical Education
Grade Level: K-5 (1 year)

Physical Education covers health and safety understanding the human body, growth and development, self-esteem, decision-making skills, personal health and hygiene, disease prevention and prevention of child abuse.

Introduction to Coding *A
Grade Level: 3-5 (1 year)

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.

World Language Survey
Grade Level: 3-5

Students will be able to survey world languages, in this course, including: Spanish, French, German, Italian, Latin, and Chinese.
THEOLOGY: Theology Course Offerings

We Love Jesus!
K-5 (1 semester)

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!
1-5 (1 semester)

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 our Family!
1-5 (1 semester)

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!
1-5 (1 semester)
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!**

1-5 *(1 semester)*

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**

6-8 *(1 semester)*

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**

6-8 *(1 semester)*

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
6-8 (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.

The Revelation of Jesus Christ in Sacred Scripture
9-12 (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?
9-12 (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
9-12 (1 semester)

This course introduces students to the mission of Jesus Christ, the eternal Son of the Father, the Second Person of the Blessed Trinity who became flesh “for us men and for our salvation”. Students are encouraged to reflect on the union of the two natures of Christ in His one Divine Person, as well as the Paschal Mystery as the ultimate Revelation from God. In learning more about the mission and
identity of Jesus, students will also reflect on and discover who we are called to become as missionary disciples of our great God and King.

**The Mission Continues in the Church**  
9-12 (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**  
9-12 (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**  
9-12 (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.

**Church History I (33-1550 A.D.)**  
9-12 (1 semester)

This course offers a catechesis of the Church in time: fulfilling its nature and purpose to be a light to the nations. The course seeks to supply students with a general knowledge of the Church's history from apostolic times until the Protestant Reformation. The course begins with an overview of the apostolic age as recorded in the "Acts of the Apostles" and then shows the development of
doctrine in the early centuries through the writings and work of the Church Fathers. Special emphasis is given to the formulation of the Creed and other essential dogmas in the early Ecumenical Councils.

**Church History II (1550 A.D.- 21st Century)**

9-12 (1 semester)

Students follow developments in the Church through the Middle Ages, the Renaissance, the Reformation, the teaching of the Ecumenical Councils as well as the witness of saintly men and women who greatly influenced the history of the Church, and several outstanding Popes who, as the successor of Saint Peter, led the Church through difficult times. Students discover how the Church is sustained and renewed throughout history by the work of the Holy Spirit, and especially through the lives of the saints, and how the Church laid the foundations for western civilization itself.

**Teen Wellness: Living Your Faith**

9-12 (1 semester)

This course continues the study of the Church to the present date so that students may come to know and understand the Church as the living Body of Christ, composed of divine and human elements, and how all baptized Catholics are called to share in her mission today and in every age. Emphasis is given to the challenges to the Church in the modern world and Vatican Council II.

**Responding to the Call of Jesus Christ**

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.**

9-12 (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
9-12 (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.

A Study of the Bible
9-12 (1 semester)

The Bible—both Hebrew and New Testament—is a complex and fascinating text, written by many people, in different languages, over a vast period of time, yet it nonetheless displays an overarching—or underlying—unity, which some attribute to divine inspiration and others to the human imagination. Our goal is to understand and appreciate more fully both the richness and the complexity of the biblical texts, as well as the importance of those texts to our culture.

The Pentateuch
9-12 (1 semester)

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
9-12 (1 semester)

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

The Poetic & Prophetic Books
9-12 (1 semester)

The Gospels & Acts *(1 semester)*


Paul’s Letters *(1 semester)*

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 *(1 semester)*

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

Genesis *(1 semester)*


Gospel and Society *(1 semester)*


Christian Art *(1 semester)*

The course studies engaging the arts: What Does the Bible Say about Art?, How Art Communicates, The Dark Side of Art, Creating Art, Bad Art, Art & Mission and Art & the Church.

Discipleship *(1 semester)*

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.
Heaven and Earth (1 semester)

Heaven and Earth were meant to overlap, and Jesus is on a mission to bring them together once and for all. This course studies the biblical narrative, chronologically, from the Garden of Eden to the construction of Solomon’s temple, to John’s visions about the realization of a new creation discussing hard questions such as, “What is Heaven like?” and “How to Heaven and Earth overlap?”

World Religions (1 semester)

This course is designed to introduce students to religions from around the world. Primarily, this course will look at Hinduism, Judaism, Christianity, Islam, Buddhism, and East Asian Religions. In addition, this course will begin by questioning the idea of religion and category of world religions. The course will engage the “fundamental“ aspects of each tradition, identifying key concepts, themes, terms, and figures.

Ancient & Biblical Greek (1 semester) *Available in Spring, 2017
ENGLISH AS A SECOND LANGUAGE (ESL):

ESL Course Offerings

ESL I - Discover English *(1.0 credit)*

Discover English 1 is taught using the Discover Method and introduces learners to the beginning level of the English language. It ranges from vocabulary, grammar rules, to sentence structures. After completing the course, learners will be able to engage in short conversations with simple standard situations that convey basics about their personal information and their environment. At the end of this course, the students will be expected to greet people and introduce themselves, describe themselves and others (including physical characteristics, feelings, and attire) as well as communicating through short and simple sentences. They will also be expected to know how to convey important information regarding their age, nationality, occupation, family, and pets. In addition, they will also be able to communicate their likes and dislikes, daily activities and weekly schedules. The transformation begins with this term and students will have the tools necessary to understand simple questions and respond to them when other individuals speak slowly and have a familiar accent.

The second half of the course is a continuation of the beginner’s level of the study of the English language. It contains vocabulary, grammatical rules, projects, speaking and listening exercises, and learning to formulate correct sentence structures. After completing this course, students will be able to greet people and introduce themselves, describe themselves and others (inquire name, profession and family life), and they will be able to communicate through short and simple sentences. They will also be expected to know how to convey important information regarding their families. They will be able to describe someone, describe accommodations, talk about food, situate themselves in time, and be able to describe a city. In this course, students will acquire the tools necessary to understand and respond to simple questions.

ESL II - Discover English *(1.0 credit)*

Discover English Part 2 Term 1 is taught using the Discover Method, helps learners reinforce concepts learned from Discover English – High School Part 1, and helps them assimilate, in context, the vocabulary and structures of the English language. It ranges from vocabulary, grammar rules, sentence structures, and different projects. After completing the course, learners will be more confident in the usage of greetings, introducing themselves, describing someone, spelling and counting, telling the date and time, describing objects, and talking about animals. At the end of this course, the students will be expected to greet people and introduce themselves, describe themselves and others (including physical characteristics, feelings, and attire) as well as communicating through sentences that are more detailed. The transformation continues with this term and students will have the tools necessary to understand questions that are more detailed and respond to them when other individuals speak and have a familiar
accent. The second half of the course helps learners reinforce concepts learned from Discover English Part 2 Term 1. This course will help them assimilate, in context, the vocabulary and structures of the English language. It includes vocabulary, grammatical rules, formulating correct sentence structures, listening and speaking activities, and different writing projects. After completing the course, learners will be more confident in introducing themselves, talking about family and identity, people and professions, making purchases and planning vacations. In this course, students will be expected to use more advanced vocabulary words, expressions, and structures in a number of communicative situations.

**ESL III- Discover English (1.0 credit)**

This course is for students seeking a mastery of English as a second language. The Discover Method teaches the course, making it the right choice for students of any native tongue having little or no English background.
DUAL ENROLLMENT: Courses Open to All Students

Dual Enrollment Opportunities & Career Prep
Partnership with Indian River State College (FL) & Brighton College

Courses for Diploma - Pharmacy Technician (1 semester)
MED 102 Essentials of Medical Terminology
MED 109 Human Diseases
PHM 102 Pharmacy Mathematics
PHM 103 Pharmacy Practice I
PHM 104 Pharmacy Practice II

Medical Records Technician Diploma Courses (1 semester)
MED 101 Introduction to Health Care
MED 102 Essentials of Medical Terminology
MED 103 Anatomy and Physiology
MED 104 Medical Office Procedures
MED 108 Medical Records
MCB 101 Medical Coding I
MCB 102 Medical Coding II

Medical Coding and Billing Diploma Courses (1 semester)
MED 101 Introduction to Health Care
MED 102 Essentials of Medical Terminology
MED 104 Medical Office Procedures
MED 103 Anatomy and Physiology
MBL 101 Medical Billing I
MBL 102 Medical Billing II
MCB 101 Medical Coding I
MCB 102 Medical Coding II

Medical Office Specialist Courses (1 semester)
MED 201 Introduction to Health Services
MED 200 Medical Terminology
MED 104 Medical Office Procedures
MED 103 Anatomy and Physiology
ACC 101 Introduction to Accounting
MCB 101 Medical Coding I

Diploma in Paralegal Studies Courses (1 semester)
LGS 100 Paralegal Today
LGS 108 Legal Research
LGS 208 Legal Analysis and Writing
LGS 110 Litigation and Trial Practice
LGS 206 Business Organizations
LGS 301 Torts: Personal Injury Litigation
LGS 107 Contracts
**Business Accounting Clerk Courses** (1 semester)
ACC 101 - Introduction to Accounting
ACC 114 - Accounting I
BUS 201 - Introduction to Business
ECO 210 - Microeconomics
ECO 220 - Macroeconomics
ACT 118 - Accounting II
ACT 220 - Managerial Accounting

**Courses for Customer Support Representative Certificate** (1 semester)
COM 110 Communication and Speech
TBS 130 Marketing and Distribution Principles
TBS 114 Selling Techniques
TBS 221 Consumer Behavior
TBS 285 Customer Service
TBS 270 Internet Sales and Service
TBS 260 Advanced Selling Techniques
TBS 290 Negotiation Strategies

**CompTIA Certificate Program** (1 semester)
TCH 100 CompTIA A+ Part I
TCH 200 CompTIA A+ Part II
TCH 110 CompTIA Network+ Part I
TCH 210 CompTIA Network+ Part II
TCH 130 CompTIA Security+ Part I
TCH 230 CompTIA Security+ Part II
ADULT EDUCATION COURSE OFFERINGS:

- **Virtual Instruction Professional Development:**
  Virtual instructor training with iNACOL National Standard objectives

**Fundamentals of Online Education**
*Earn 3 college credits or 60 inservice 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

**Fundamentals of Online Course Development & Design**
*Earn 3 college credits or 60 inservice points*

Fundamentals of Online Course Development & Design utilizes the iNACOL National Standards for Quality Online Courses framework to help existing educators establish or improve their development of online courses. There is no requirement for participants to possess prior knowledge or experience of course development or related technologies. The framework for this course is applicable to any course building platform.
I Believe: Catechesis on the Creed  
10-hour course

This course gives you a Big Picture understanding of the Catholic Faith, centered on the most important Mystery of all, the Holy Trinity. God, who is a communion of life and love, has made us in His image and likeness, to live in love and to be a light for others. The mysteries of our faith are presented in an engaging and upbeat manner as you rediscover the joy and beauty of all that we believe and profess in the Creed. This course will give you renewed passion to share your faith with others who are on their journey, searching for God and longing to discover His love in their lives!

Let Us Pray: Celebration of the Christian Mystery  
10-hour course

It is in the celebration of the Liturgy and the Sacraments that we encounter Christ and receive God’s grace for our lives. The Church proclaims and celebrates the Paschal Mystery of Christ in her Liturgy: “For it is in the liturgy, especially in the divine sacrifice in the Eucharist that the work of our redemption is accomplished.” (CCC 1068) Every teacher and catechist should be able to help others understand the liturgy and discover the mystery and beauty of the seven sacraments. Through them we encounter Christ and receive His grace for our lives!

Life in Christ: Love One Another as I Have Loved You  
10-hour course

This course studies the third pillar of the Catechism of the Catholic Church and its teaching on the foundations of Christian morality. We need help in living the Beatitudes and keeping the 10 Commandments fully. It will help you to form your conscience more deeply and to be equipped to shed light on the errors of many moral issues that are commonly viewed through the lens of moral relativism. We encourage you to explore the wisdom of the Church’s teaching so that all who follow Christ can know the joy and happiness of living fully and freely as His disciples!

Word of the LORD: Understanding Scripture as the Word of God  
10-hour course

Sacred Scripture is the word of God written in the words of men. It has two authors, the Holy Spirit and a human author. The Church gives us important principles for understanding and interpreting Scripture correctly. Catechists must know these principles and the eight stages of salvation history to teach others. Saint Paul tells us that faith comes from hearing the word of God (Rom. 10:17). Every teacher must be able to effectively use Scripture to help others come
to faith. To do so, one must be well versed in the Bible as the word of God. This course will deepen your knowledge of Scripture and its vital role in our lives.

**The Sower Went Out: Evangelization & Catechesis in the 21st Century**

*10-hour course*

The parable of the sower highlights problems and difficulties which must be faced in the ‘soil’ in which the seed is sown. The soil represents individual persons in whom tensions and conflicts are present, as well as difficulties of living in this present world. Every teacher is also an evangelist who sows the seed of God’s word, the seeds of faith and truth revealed by God, in the hearts and minds of students. This course will help you to master principles and skills so that you can help others to become committed disciples of Christ our King!
Appendix A:

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.

**A1 Certification Course**
Students who complete this course can understand and use familiar everyday expressions and basic phrases. They can introduce themselves and others and can ask and answer questions about personal details such as where people live, who they know, and things they may own.

**A2 Certification Course**
Students who complete this course can understand sentences and frequently used expressions related to areas of most immediate relevance. They can communicate in basic and routine tasks requiring a simple and direct exchange of information.
on familiar matters and can describe in simple terms aspects of their background and immediate environment.

**B1 Certification Course**
Students who complete this course can understand the main points of clear, standard input on familiar matters regularly encountered in work, school, and leisure. They can communicate on topics that are familiar or of personal interest and describe their experiences and events, dreams, hopes and ambitions, and briefly give reasons and explanations for their opinions.

**B2 Certification Course**
Students who complete this course can understand the main ideas of complex content on both concrete and abstract topics. They can interact with a degree of fluency and spontaneity that makes regular interaction with native speakers quite possible and can produce clear, detailed descriptions on a wide range of subjects and explain a detailed viewpoint on topical issues.

**C1 Certification Course**
Students who complete this course can fully understand and accurately summarize long, complex lectures and written reports, even when relationships are only implied and not signaled explicitly. They can extract information, ideas, and opinions from highly specialized texts in their own field. They can communicate accurately and effectively on a wide range of general or professional topics and for social purposes.

**C2 Certification Course**
Students who complete this course have no difficulty in understanding any kind of spoken English, even when delivered at fast native speed. They can take part effortlessly in all conversations and discussions with native speakers. They can present a complex topic in a clear and well-structured way, for example, in a composition or a report.
Appendix B:

Career and Technical Programs in Partnership with LearnKey

Business
Microsoft Office • Access • Excel • Excel MasterExam • Outlook • PowerPoint • PowerPoint MasterExam • Word • QuickBooks

Entertainment Industry
choose any of the following course offerings: Film, Music Production, Sports Management, Contract Law

Computer Fundamentals
Computer Fundamentals • Computer Foundations • IC3 (GS5) • IC3 Spark • Learning Mac OS X • Learning Windows • Security Essentials for Computer Users
CompTIA Certification • A+ • A+ MasterExams • Network+ • Network+ MasterExam • Security+

IT Fundamentals
MTA IT Infrastructure • MTA Cloud Fundamentals • MTA Mobility and Device Fundamentals • MTA Networking Fundamentals • MTA Security Fundamentals • MTA Windows OS Fundamentals MTA Developer • MTA HTML 5 AP® applications Fundamentals • MTA Software Development Fundamentals MTA Database • MTA Database Administration Fundamentals

Web & Graphic Design
Adobe ACA • Dreamweaver • Dreamweaver MasterExam • Flash • Flash MasterExam • Illustrator • Illustrator MasterExam • InDesign • InDesign MasterExam • Photoshop • Photoshop MasterExam • Premiere Pro • Premiere Pro MasterExam (CS4, CS5, CS6, and CC courseware available)

CompTIA
CompTIA A+ 901 and 902 courseware
CompTIA Network+ (N10-006)
CompTIA Security+ (SY0-401)
CompTIA Linux+ Part 1
CompTIA Linux+ Part 2

Office 2016 Certification
Word 2016
Excel 2016
PowerPoint 2016

Project 2013 Certification
Project 2013 course - 74-343 exam
**IC3 GS5 Certification**
IC3 GS5 Course - Key Applications
IC3 GS5 Course - Computing Fundamentals
IC3 GS5 Course - Living Online
IC3 GS5 Spark

**Adobe CC**
Dreamweaver CC
Dreamweaver CC 2015 Test Prep
Flash CC
Illustrator CC
Illustrator CC 2015 Test Prep
InDesign CC
InDesign CC 2015
Photoshop CC
Photoshop CC 2015 Test Prep
Premiere Pro CC

**Microsoft Technology Associate**
MTA HTML5 Application Development Fundamentals
MTA Database Administrator Fundamentals
MTA Mobility and Device Fundamentals
MTA Networking Fundamentals
MTA Security Fundamentals
MTA Server Administration Fundamentals
MTA Software Development Fundamentals
MTA Web Development Fundamentals
MTA Windows Development Fundamentals
MTA Windows Operating System Fundamentals

**Microsoft 70-640 Server 2008 Active Directory**
Windows Server 2008 Active Directory Configuration

**Microsoft 70-642 Server 2008 Network Infrastructure**
Windows Server 2008 Network Infrastructure Configuration

**Microsoft 70-646 Server 2008 Server Administrator**
Windows Server 2008 Admin 70-646

**Microsoft 70-417 Upgrade to MCSA: Windows Server 2012**
Windows Server 2012 MCSA Skills Update (70-417)

**Window Server 2012: Installing and Configuring 70-410**
Windows Server 2012 Installation and Configuration (70-410)

**Windows Server 2012: Administering 70-411**
Windows Server 2012 Administrator (70-411)
Windows Server 2012: Configuring Advanced Services 70-412
Windows Server 2012 Configuring Advanced Services (70-412)

Windows Server 2012: Designing + Implementing Infrastructure 70-413
Windows Server 2012 Server Infrastructure Design and Implementation

Windows Server 2012: Implementing advanced server infrastructure 70-414
Windows Server 2012 Advanced Server Infrastructure Implementation

Windows 7 EDST Bundle
Windows 7 EDST (70-685)

Windows 7 Configuration Bundle
Windows 7 Configuration 70-680
Appendix C:

**Florida Aligned Course List & Course Codes**

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