The Green School

High School Curriculum & Courses

2023 / 2024

Growing the whole CHILD

Developmental Harmony™

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Welcome to The Green School's High School

At TGS, we offer the United States High School Diploma, a globally recognized credential that opens doors to leading universities worldwide and in South Africa. Our High School Diploma program spans 4 years, from Grade 9 to Grade 12, and is designed to provide students with a comprehensive education that prepares them for success in higher education and beyond.

To earn the High School Diploma, students must complete a total of 24 credits across various subject areas. These credits are earned through a diverse range of courses that encompass core subjects, elective courses, and specialized programs tailored to students' interests and aspirations.

Our curriculum follows the **American Common Core Standards**, ensuring a rigorous and internationally benchmarked education. It encompasses a wide range of subjects, including English, mathematics, science, social studies, world languages, arts, physical education, and technology.

By offering a balanced and comprehensive curriculum, we empower students to develop critical thinking, problem-solving, and communication skills essential for their future academic and professional endeavours.

Accreditation

The curriculum is designed to prepare students for entrance into colleges or universities around the world. In order to graduate, students must complete 24 credits in core subjects and elective courses. The graduation requirements ensure a holistic learning experience that prepares students to be well-rounded, knowledgeable, and passionate learners. We are accredited by Cognia - AdvancED, the unified organization of the North Central Association Commission on Accreditation and School Improvement (NCA CASI) and the Southern Association of Colleges and Schools Council on Accreditation and School Improvement (SACS CASI), USA.

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Accreditation International

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Welcome to The Green School's High School

Social & Emotional Learning

Social and emotional learning is the foundation of all of our learning. TGS prioritizes the well-being of our students through the implementation of daily advisory meetings based on the **Responsive Classroom** approach. Advisory meetings serve as dedicated times for students to connect with a trusted adult mentor and a small group of peers. These meetings provide a safe and supportive space where students can discuss their social-emotional needs, set personal goals, and receive guidance on their academic progress.

Through meaningful conversations, team-building activities, and collaborative problem-solving, advisory meetings foster positive relationships, promote a sense of belonging, and encourage the development of important life skills. Our experienced advisors and school counsellors play a crucial role in guiding students through their high school journey, providing mentorship, and helping them navigate challenges both inside and outside the classroom. By implementing advisory meetings, we create a strong support system that nurtures the holistic growth of our high school students.

At TGS, we ensure we are developing the pillars of Social & Emotional Learning. These five pillars work together to support the holistic development of students' social and emotional competencies, enabling them to navigate relationships, make responsible decisions, and thrive in various contexts.

Self-Awareness: This competency involves recognizing and understanding one's own emotions, strengths, and limitations. It includes developing a positive self-image, self-confidence, and a sense of identity. Self-awareness also involves being able to accurately assess one's emotions, thoughts, and values.

Self-Management: Self-management focuses on regulating and controlling one's emotions, behaviours, and impulses in different situations. It includes skills such as managing stress, setting and achieving goals, showing self-discipline, and demonstrating resilience in the face of challenges.

Social Awareness: Social awareness refers to the ability to empathize and understand others' perspectives and feelings. It involves developing empathy, compassion, and respect for diversity. Socially aware individuals are able to navigate and appreciate different social and cultural contexts.

Relationship Skills: This competency encompasses the ability to establish and maintain healthy and positive relationships. It involves effective communication, active listening, cooperation, negotiation, and conflict resolution. Relationship skills also include understanding and respecting boundaries, as well as demonstrating empathy and teamwork.

Responsible Decision-Making: Responsible decision-making involves making ethical and constructive choices based on considering the well-being of oneself and others. It includes identifying problems, analyzing situations, evaluating potential consequences, and making thoughtful and responsible decisions.

High School Curriculum

Our High School customizes our curriculum in order to meet each student's academic needs. We believe it is more productive for the curriculum to "fit" the student rather than trying to make the student "fit" a curriculum

Streams in Education

The High School Diploma allows students to follow three streams of education. The college and career stream allows student to leave school and apply to colleges and careers. The industrial stream allows students to follow vocational and technical courses. The scholar stream allows student entrance into universities around the world.

These three streams allow students to follow paths that speak to their strengths and future plans. TGS incorporates yearly psychometric assessments that include aptitude, personality and interest assessments to help guide students with their choice in subjects and credits. We have a dedicated college counselor that keeps track of students progress and credits to ensure a successful high school graduation. Some subjects will be compulsory for students to take.

Subject Area	College and Career	Industrial	Scholar
English	• 4 credits ELA I, II, III, and IV.	• 4 credits in ELA I, II, III, and IV.	• 4 credits ELA I, II, III, and IV.
Mathematics	• 4 credits which must include Algebra I and Geometry.	• 4 credits which must include Algebra I.	• 4 credits including Algebra I, Geometry, and Algebra II and Statistics or an equally rigorous course.
Science	• 3 credits including Biology I.	• 3 credits including Biology I.	• 3 credits, including Biology I and Chemistry, Physics, or an equally rigorous course
Social Studies	• 3 credits: o 1 U.S. History o 1 World History o .5 Economics o .5 U.S. Government.	• 3 credits: o 1 U.S. History o 1 World History o .5 Economics o .5 U.S. Government.	• 3 credits: o 1 U.S. History o 1 World History o .5 Economics o .5 U.S. Government.
Foreign Language	None.	None.	2 credits in same language.
Fine or Performing Arts	1 credit.	1 credit.	1 credit.
Physical Education	1 credit.	1 credit.	1 credit.
Electives	8 credits which must be coordinated so that students may develop knowledge and skills in their area of interest or in career education courses leading to industry certification.	8 credits in industry-certified career education program, career-themed courses, or career education courses identified in statewide/local articulation agreements.	6 credits in coordinated electives with Liberal arts, STEM, or career education focus. At least 1 credit must be earned in an AP, IB, AICE, or Dual Enrollment course.

High School Curriculum

Extensions in the Curriculum

Our curriculum allows us to extend students with Honours and Advance Placement (AP) Credits in Mathematics, English and Social Studies. Furthermore, there is an opportunity for students to explore learning through Virtual Reality in the future.

Honors Credits: Honors credits are typically awarded for advanced or challenging courses within a specific subject area. These courses often have a more rigorous curriculum and may require additional assignments, projects, or assessments compared to regular courses. By earning honors credits, students demonstrate their academic excellence and the ability to handle more demanding coursework. Honors credits may carry a weighted grade, meaning they have a higher point value than regular courses, which can positively impact a student's grade point average (GPA).

Advanced Placement (AP) Credits: AP courses are college-level classes offered in high schools. These courses follow a standardized curriculum developed by the College Board, and at the end of the course, students have the opportunity to take an AP exam. AP exams are scored on a scale of 1 to 5, with a score of 3 or higher considered a passing grade. Many colleges and universities offer college credit or advanced standing to students who earn qualifying scores on AP exams. This means that students who perform well on AP exams can potentially earn college credits, allowing them to skip introductory-level courses in college or fulfill general education requirements.

Virtual Reality: TGS can offer Virtual Reality (VR) Courses at an additional cost. These courses assist students in their learning, career development and technical skills. Students will be required to take additional time and have the correct equipment for VR courses. Through our partnerships, we will be able to provide a revolutionary curriculum worldwide for students. Certify-ED's curriculum focuses on authentic learning experiences, specifically designed to provide learners with courses that lead to industry certification and college credit. Using virtual reality, we deliver all lessons via engaging videos and interactive simulations. A virtual environment generates realistic images, sounds, and sensations, and learners will be able to participate in performance-based tasks just as if they were in the real world.

Tinkering with Lego Foundation: TGS along with the LEGO Foundation incorporates tinkering as an educational approach to encourage students to apply their knowledge in both technical and creative ways. Tinkering with LEGO bricks allows students to engage in hands-on, exploratory learning, where they can experiment, problem-solve, and create using the bricks. This approach promotes critical thinking, collaboration, and communication skills, while fostering technical understanding and nurturing creativity. By encouraging open-ended exploration and iterative learning, the LEGO Foundation's tinkering approach empowers students to apply their knowledge in practical and innovative ways, providing a dynamic and enriching educational experience.

High School Curriculum

Subject Choices

High school students undergo yearly psychometric assessments to assist them in selecting their subjects. The compulsory subjects include English, History, Maths, and Sciences. These foundational courses are essential for a well-rounded education. In addition to the compulsory subjects, students have a wide range of elective options to choose from. To progress to the next grade, students are required to achieve a minimum of 6 credits each year. However, if they wish to take additional credits, they can do so at an extra cost. This allows students to explore their interests and tailor their education to suit their individual goals and aspirations.

Please explore our curriculum further with our course catalogue: **Course Catalogue**

Extracurricular Activities

At TGS students have the opportunity to participate in our Extracurricular Activities:

Sports and Physical Fitness: The sports program is led by a professional athlete and focuses on functional fitness. It offers a personalized approach to cater to the unique needs of each student. The program emphasizes body movement, commitment, communication, and teamwork, while simultaneously fostering the development of essential physical skills.

STEM: STEM classes for grades 9-12 focus on science, technology, engineering, and mathematics education. These classes aim to provide students with a comprehensive understanding of these subjects and their practical applications. The curriculum is designed to foster critical thinking, problem-solving, creativity, and innovation.

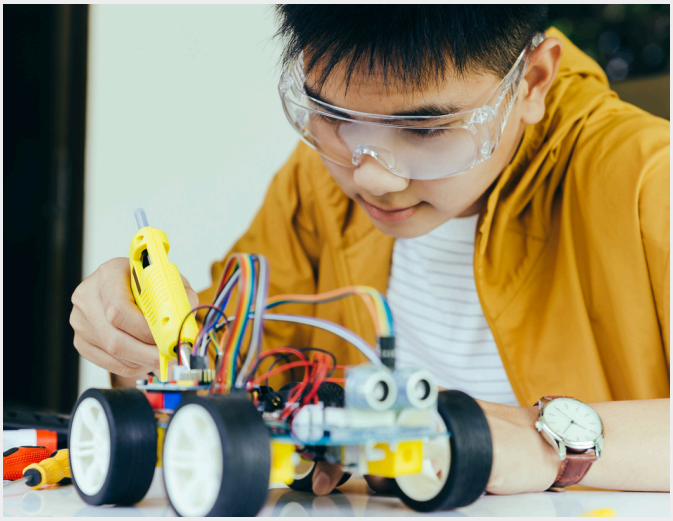
Creative & Performing Arts: Creative and performing arts classes for grades 9-12 provide students with opportunities to explore their artistic talents and express themselves through various creative mediums. These classes emphasize the creative process and allow students to exercise their free will in their artistic endeavors. In creative and performing arts classes, students are encouraged to think critically, explore their imaginations, and develop their unique artistic voices. They have the freedom to choose their preferred art forms, such as visual arts, music, theater, dance, or creative writing. These classes provide a supportive environment where students can experiment, take risks, and embrace their individuality.

Passion Projects

Over the course of high school, students are required to develop a “Passion Project” that reflects their natural interests and unique skill-set.

The purpose is to expose students to real-life experiences and to develop an understanding of their personal needs and interests. A “Passion Project” may be a small business, service learning project or career shadowing and research.

This is a compulsory 4 year long project that can be ongoing or changed throughout high school. Students explore their unique strengths and interests and share them with their community and the world.



High School Courses

Grade 9

The Grade 9 course curriculum is interactive and structured per Common Core State Standards to stimulate the student's interest whilst engaging them in the learning process and maintaining their focus for successful core course completion and that of a diverse selection of languages and electives.

Grade 10

The High School Grade 10 course curriculum designed to engage learning process to meet their academic goals. Students enrolled in 10th-grade course curriculum are exposed to lessons, homework, discussions, and tests to prepare students for higher grades at their pace and time with us.

Grade 11

The high school Grade 11-course curriculum is designed for high school juniors to take classes online in a flexible online environment taught by the certified teachers with best practical curriculum. In Grade 11 high school program students are exposed to advanced math, science, social studies and language arts.

Grade 12

The Grade 12 course curriculum continues to be interactive and structured per Common Core State Standards to stimulate the student's interest whilst engaging them in the learning process. This is the final year of high school and ensures students are prepared for tertiary education and the greater world.

After The Green School

At The Green School, students embark on an educational journey that culminates with the achievement of the coveted High School Diploma. This esteemed credential serves as a passport to a world of opportunities. With a strong emphasis on academic excellence, students are encouraged to strive for a stellar GPA, opening doors to both local and international universities. The school's comprehensive curriculum includes dedicated Career Counseling courses, where experienced teachers and counselors work tirelessly to guide students in understanding their interests and aspirations. Through personalized support, The Green School ensures that its graduates are well-prepared to embark on their chosen paths, armed with knowledge, confidence, and a bright future ahead.

Course Catalogue

Language Arts Courses

1001310 English 1 (1 Credit)

English I provides instruction in the Language Arts strands of the reading process, literary analysis, writing process, writing applications, communication, and information and media literacy. It offers instruction in reading and vocabulary strategies necessary for comprehension of printed materials; research; the writing of effective paragraphs and multiparagraph papers, with emphasis upon all stages of the writing process in timed and untimed assessments (prewriting, drafting, revising, editing, publishing); speech instruction including formal and informal presentations; evaluation of mass media; the analysis of genres and the study of language in conjunction with writing, concentrating on conventions of grammar, usage, and mechanics. Technology is incorporated into all aspects of the course.

Prerequisite: N/A

1001340 English 2 (1 Credit)

English I provides instruction in the Language Arts strands of the reading process, literary analysis, writing process, writing applications, communication, and information and media literacy. It offers instruction in reading and vocabulary strategies necessary for comprehension of printed materials; research; the writing of effective paragraphs and multiparagraph papers, with emphasis upon all stages of the writing process in timed and untimed assessments (prewriting, drafting, revising, editing, publishing); speech instruction including formal and informal presentations; evaluation of mass media; the analysis of genres and the study of language in conjunction with writing, concentrating on conventions of grammar, usage, and mechanics. Technology is incorporated into all aspects of the course.

Prerequisite: English 1

1001370 English 3 (1 Credit)

English 3 provides instruction in the Language Arts strands of reading process, literary analysis, writing process, writing applications, communication, and information and media literacy. Composition instruction includes frequent practice in writing various types of multi-paragraph papers, including documented papers/projects. Referencing and summarizing skills will be stressed as well as all phases of the writing process (prewriting, drafting, revising, editing, and publishing). This study will include the analysis of representative examples of American literary works in various genres, as they illustrate distinctive national qualities and the ethnic and cultural diversity of the American experience. Vocabulary, grammar, and usage are studied in conjunction with literature and writing. Listening, speaking, researching, and writing assignments are related to the study of American literature. Technology is incorporated into all aspects of the course.

Prerequisite: English 2

1001400 English 4 (1 Credit)

English 4 provides instruction in the critical analysis of representative examples from British literature, as they reflect changes in the language and the development of the literary traditions of the English language. Writing experiences are structured to provide practice in real-life writing situations likely to be encountered beyond secondary school, including technical, creative, and traditional academic modes. Opportunity is provided to extend speaking, researching, and listening skills. Content includes instruction in vocabulary strategies and reading necessary for comprehension of printed materials. Technology is incorporated into all aspects of the course.

Prerequisite: English 3

Mathematics Courses

1200310 Algebra I (1 Credit)

This course is a study of the topics of Algebra I designed to develop the algebraic concepts and processes that can be used to solve a variety of real-world mathematics problems. The content will include: properties of the real number system; varied means for analyzing and expressing patterns, relations and functions; variables, algebraic expressions and polynomials; geometric concepts; set operations; dimensional analysis; data analysis concepts and techniques; and varied solution strategies, algebraic and graphic, solutions for inequalities, linear and quadratic equations, and systems of equations. Calculators and computers will serve as instructional tools in concept development.

Credit in Algebra I precludes credit in Algebra IA and Algebra IB, Algebra I Honors, Applied Mathematics I and II, and Integrated Mathematics I and II.

Prerequisite: N/A

1200310 Algebra I (1 Credit)

This course is designed to continue the study of algebra and to provide the foundation for applying these skills to other mathematical and scientific fields. The content will include: structure and properties of the complex number system; sequences and series; relations; functions and graphs; varied solution strategies for linear equations, inequalities, and systems of equations and inequalities; quadratic, exponential, and logarithmic functions; and their applications; data analysis; reinforcement of geometric concepts, and probability. Calculators and computers will serve as instructional tools in concept development.

Prerequisite: Algebra I or Algebra I Honors

Course Catalogue

1206310 Geometry (1 Credit)

The purpose of this course is to develop the geometric relationships and deductive strategies that can be used to solve a variety of real-world and mathematical problems. The content will include Euclidean geometry of lines, planes, angles, triangles, construction and logic, and properties of circles, polygons, right triangle trigonometry, and reinforcement of algebraic concepts. Calculators and computers will serve as instructional tools in concept development.

Prerequisite: Algebra I equivalent

1202340 Pre-Calculus (1 Credit)

This course is designed to strengthen and extend the student's knowledge of algebraic and trigonometric concepts and to prepare the student for calculus. The content will include mathematical induction, symbolic logic, Boolean and matrix algebra, probability and statistics, elementary functions and limits. Calculators and computers will serve as instructional tools in concept development.

Prerequisite: Algebra II (Algebra II Honors) and Geometry (Geometry Honors)

1200700 Mathematics for College Readiness (1 credit)

This course is targeted for students who are not yet "college ready" in mathematics or simply need some additional instruction in content to prepare them for success in college level mathematics. This course incorporates the Florida Standards for Mathematical Practices as well as the following Florida Standards for Mathematical Content: Expressions and Equations, The Number System, Functions, Algebra, Geometry, Number and Quantity, Statistics and Probability, and the Florida Standards for High School Modeling. The standards align with the Mathematics Postsecondary Readiness Competencies deemed necessary for entry-level college courses..

Prerequisite: N/A

Course Catalogue

Science Courses

2000350 Anatomy and Physiology (1 Credit)

The purpose of this course is to enable students to develop understanding of the relationships between the structures and functions of the human body. The content should include, but not be limited to, the following:

- Implementation of scientific habits of mind
- Application of scientific knowledge, methodology, and historical context to solve problems
- Use of laboratory technologies
- Terminology
- Cells and tissues
- Homeostasis
- Human genetics, growth, and development
- Body composition, structure, and function
- Internal and external changes and responses
- Connections between anatomy, physiology, medicine, technology, society, and the environment

Prerequisite: Teacher Recommendation

2000350 Anatomy and Physiology (1 Credit)

Biology 1 will provide opportunities to students for general exploratory experiences and activities in the fundamental concepts of life. Topics will include but not be limited to: the scientific method, measurements, laboratory apparatus usage and safety, cell biology and cell reproduction, principles of genetics, biological change through time, classification, microbiology, structure, and function of plants and animals, structure and function of the human body, and ecology. Laboratory activities that include the use of the scientific method, measurement, laboratory apparatus, and safety are an integral part of this course.

Prerequisite: N/A

2003340 Chemistry 1 (1 Credit)

Chemistry I will provide opportunities for students to study the composition, properties, and changes associated with matter. Topics will include but not be limited to: classification and structure of matter, atomic theory, the periodic table, bonding, chemical formulas, chemical reactions, balanced equations, behavior of gases, physical changes, acids, bases, and salts. Laboratory activities that include the use of the scientific method, measurement, laboratory apparatus, and safety are an integral part of this course.

Prerequisite: N/A

Course Catalogue

2003310 Physical Science (1 Credit)

Physics and chemistry, particularly mechanics, the laws of motion, energy, electricity, magnetism, the elements, molecules, atoms, sub-atomic particles, nuclear reactions, light, heat, the periodic table, organic chemistry, and biochemistry, are introduced. Laboratory activities are an integral part of this course.

Prerequisite: N/A

2003380 Physics 1 (1 Credit)

Physics will provide students with an in depth study of the theories and laws governing the interaction of matter, energy, and the forces of nature. Topics will include but not be limited to: kinematics, dynamics, energy, work, power, heat and thermodynamics, wave characteristics, light, electricity, magnetism, and nuclear physics. Virtual Laboratory activities that include the use of the scientific method, measurement, laboratory apparatus, and safety are an integral part of this course.

Prerequisite: Algebra 2

2000410 Zoology (1 Credit)

Laboratory investigations that include the use of scientific inquiry, research, measurement, problem solving, laboratory apparatus and technologies, experimental procedures, and safety procedures are an integral part of this course. The National Science Teachers Association (NSTA) recommends that at the high school level, all students should be in the science lab or field, collecting data every week. School laboratory investigations (labs) are defined by the National Research Council (NRC) as an experience in the laboratory, classroom, or the field that provides students with opportunities to interact directly with natural phenomena or with data collected by others using tools, materials, data collection techniques, and models (NRC, 2006, p. 3). Laboratory investigations in the high school classroom should help all students develop a growing understanding of the complexity and ambiguity of empirical work, as well as the skills to calibrate and troubleshoot equipment used to make observations. Learners should understand measurement error; and have the skills to aggregate, interpret, and present the resulting data (National Research Council, 2006, p.77; NSTA, 2007).

Prerequisite: N/A

Course Catalogue

Social Studies Courses

2100310 United States History (1 Credit)

American History will provide students with the opportunity to acquire an understanding of the chronological development of the American people by examining the political economic, social, religious, military, scientific, and cultural events that have affected the rise and growth of the nation. Content to be covered will include, but not be limited to, an understanding of geographic-historic and time-space relationships, the synthesizing of American culture through the centuries, the origin of American ideals, the American colonial experience, the American Revolution and the Federal System, the Civil War as the solution to the secession issue, the technological and urban transformation of the country, and American foreign policy development.

Prerequisite: Recommended for 10th Grade

2102335 Economics with Financial Literacy (.5 credit)

The grade 9-12 Economics course consists of the following content area strands: Economics and Geography. The primary content emphasis for this course pertains to the study of the concepts and processes of the national and international economic systems. Students will acquire understanding in currency, banking, and monetary policy, the fundamental concepts relevant to the major economic systems, the global market and economy, major economic theories and economists, the role and influence of the government and fiscal policies, economic measurements, tools, and methodology, financial and investment markets, and the business cycle.

Prerequisite: Recommended for 11th Grade

2107300 Psychology I (.5 credit)

Psychology I will help students acquire an understanding of human behavior, behavioral interaction, and the progressive development of individuals. Appropriate concepts and skills will be developed through the theories and methods of study employed by psychologists, human growth and development, self-concept development, adjustment, motivation and desire, intelligence, conditioning and learning, memory, personality and behavior, emotion and frustration, abnormal behavior, conformity, autonomy, alienation, stress, mental health and therapy.

Prerequisite: N/A

Course Catalogue

2108300 Sociology (.5 Credit)

Through the study of sociology, students acquire an understanding of group interaction and its impact on individuals in order that they may have a greater awareness of the beliefs, values, and behaviour patterns of others. In an increasingly interdependent world, students need to recognize how group behaviour affects both the individual and society.

Prerequisite: N/A

2106310 United States Government (.5 credit)

United States Government will provide students the opportunity to acquire an understanding of American government and political behavior. Content to be covered will include, but not be limited to, an analysis of those documents which shape our political traditions (the Declaration of Independence, the Constitution, and the Bill of Rights), a comparison of the roles of the three branches of government at the local, state, and national levels, an understanding of the evolving role of political parties and interest groups in determining government policy, how the rights and responsibilities of citizens in a democratic state have evolved and been interpreted, and the importance of civic participation in the democratic political process.

Prerequisite: Recommended for 11th Grade

2109310 World History (1 Credit)

World History will provide students the opportunity to acquire an understanding of the chronological development of civilization by examining the political, economic, social, religious, military, dynastic, scientific, and cultural events that have affected humanity. Specific content to be covered will include, but not be limited to, an understanding of geographic, historic and time-space relationships, a review of pre-history, the rise of civilization and cultural universals, the development of religion and the impact of religious thought, the evolution of political systems and philosophies, the development of nationalism as a global phenomenon, the origin and course of economic systems and philosophies.

Prerequisite: Recommended for 9th Grade

Course Catalogue

Fine Arts Courses

0100330 Art History and Criticism 1 Honors (1 Credit)

The purpose of this course is to explore the role of art in history and culture through observation and analysis of significant works of art and architecture from Prehistory through the 16th century. Student historians investigate the societal context of works, considering traditional forms and conventions of representation, symbology, and the purposes for which the art was created. The course includes an introduction to the methodologies of art history and criticism, study of the media and techniques used by artists from various cultures and time periods, and use of appropriate terminology in verbal and written analyses of artworks drawn from around the world. Student historians critique and compare works across time and cultures to develop an understanding of, and respect for, the visual arts as a chronicle of history, cultural heritage, and the human experience. This course may also incorporate hands-on activities and consumption of art materials.

Prerequisite: N/A

Physical Education Courses

0800300 Health (.5 Credit)

The purpose of this course is to produce health-literate students that make sound decisions and take positive actions for healthy and effective living. The course is wellness-oriented and emphasizes responsible decision-making and planning for a healthy lifestyle. The content should include, but is not limited to, the following:

- Family life
- Personal health (wellness planning, decision-making, goal-setting, prevention of child abuse and neglect)
- Internet Safety
- Mental and emotional health (prevention of depression interpersonal, coping skills and suicide)
- Nutrition (physical activity and wellness)
- Substance use and abuse (tobacco, alcohol, and other drug use and abuse)
- Injury prevention and safety (cardiopulmonary resuscitation (CPR) and automatic external defibrillator (AED),
- First aid for obstructed airway violence, gangs, and bullying)
- Personal health (human sexuality, including abstinence from sexual activity, and teen pregnancy prevention
- Prevention and control of disease (including HIV/AIDS and other STIs)
- Community and consumer health (resources and advocacy)
- Teen dating violence (abuse prevention)

Prerequisite: N/A

3026010 Health Opportunities through Physical Education (HOPE) (1 Credit)

Developing physical skills and team sensibilities through physical education promotes active participation in home, school, and community learning and social activities, which, in turn, promotes participation in life. The content is intended to develop or expand the student's understanding of: Physical Activity, Components of Physical Fitness, Nutrition and Wellness Planning, Diseases and Disorders, Health Advocacy, First Aid/CPR, Alcohol, Tobacco, and Drug Prevention; Human Sexuality, including Abstinence and HIV; Cognitive Abilities, Lifetime Fitness, Movement, Responsible Behaviors and Values. The purpose of this course is to develop and enhance healthy behaviors that influence lifestyle choices and student health and fitness. Students will realize the full benefit of this course when it is taught with an integrated approach.

Prerequisite: N/A

1501300 Personal Fitness (.5 Credit)

Personal Fitness provides students with opportunities to develop an individual optimal level of physical fitness, acquire knowledge of physical fitness concepts, and acquire knowledge of the significance of lifestyle on one's health and fitness. The content includes knowledge of the importance of physical fitness, assessment of the health related components of fitness, health problems associated with inadequate fitness levels, application of biomechanical and physiological principles to improve and maintain fitness, safety practices and psychological values of fitness including stress management, and sound nutritional practices and consumer issues related to physical fitness.

Prerequisite: N/A

World Languages Courses

0701320 French 1 (1 Credit)

Introduces students to the target language and its culture. The student will develop communicative skills in all 3 modes of communication and cross-cultural understanding. Emphasis is placed on proficient communication in the language. An introduction to reading and writing is also included as well as culture, connections, comparisons, and communities.

Prerequisite: N/A

0701330 French 2 (1 Credit)

Reinforces the fundamental skills acquired by the students in French 1. The course develops increased listening, speaking, reading, and writing skills as well as cultural awareness. Specific content to be covered is a continuation of listening and oral skills acquired in French 1. Reading and writing receive more emphasis, while oral communication remains the primary objective. The cultural survey of the target language-speaking people is continued.

Prerequisite: French 1

0701380 Advanced Placement - French Language and Culture (1 Credit)

The AP French Language and Culture course emphasizes communication (understanding and being understood by others) by applying the interpersonal, interpretive, and presentational modes of communication in real-life situations. This includes vocabulary usage, language control, communication strategies, and cultural awareness. The AP French Language and Culture course strives not to overemphasize grammatical accuracy at the expense of communication. To best facilitate the study of language and culture, the course is taught almost exclusively in French. The AP French Language and Culture course engages students in an exploration of culture in both contemporary and historical contexts. The course develops students' awareness and appreciation of cultural products (e.g., tools, books, music, laws, conventions, institutions); practices (patterns of social interactions within a culture); and perspectives (values, attitudes, and assumptions).

Prerequisite: N/A

0708340 Spanish 1 (1 Credit)

The purpose of this course is to introduce students to the target language and its culture and to develop communicative skills and cross-cultural understanding. The content will include beginning skills in listening and speaking with special attention to pronunciation. An introduction to reading and writing will be included, as well as the fundamentals of grammar and culture.

Prerequisite: N/A

0708350 Spanish 2 (1 Credit)

The purpose of this course is to reinforce the fundamental skills acquired previously by the students. This course develops increased listening, speaking, reading, and writing skills as well as cultural awareness. The content will include an expansion of listening and oral skills. Reading and writing will receive more emphasis, while oral communication remains the primary objective. This course will continue the cultural survey of Spanish-speaking people.

Prerequisite: Spanish 1

0708400 Advanced Placement - Spanish Language (1 Credit)

The purpose of this course is to develop oral and written fluency in the language. The content will include the requirements of the Advanced Placement program guidelines.

Prerequisite: Teacher Recommendation

Honors and AP Courses

English Honors

1001320 English 1 Honors (1 Credit)

English 1 Honors promotes academic excellence in English language arts through the strands of reading process, literary analysis, writing process, writing applications, communication, and information and media literacy. This course provides instruction in critical analysis of major literary genres. Composition instruction focuses upon using the writing process in creative, technical, and traditional academic modes in both times and untimed settings. All stages of the writing process are addressed: prewriting, drafting, revising, editing, and publishing. Formal speaking experiences are provided. Technology is incorporated into all aspects of the course.

Prerequisite: Teacher Recommendation

1001350 English 2 Honors (1 Credit)

English 2 Honors promotes excellence in English language arts through the study of world literature. This course provides instruction in universal themes found in world literature as well as in the critical analysis of various genres in that literature. Composition instruction emphasizes the creative, technical, and traditional academic modes of writing through the writing process (prewriting, drafting, revising, editing, and publishing); frequent timed and untimed practice is provided. The study of language includes usage, mechanics, and other conventions of standard written English as they relate to students' writing. Formal and informal speaking opportunities are provided. Vocabulary study is done in conjunction with reading and literature. Technology is incorporated into all aspects of the course.

Prerequisite: English 1 Honors

1001380 English 3 Honors (1 Credit)

This course promotes excellence in English language arts through enriched experiences through the strands of reading process, literary analysis, writing process, writing applications, communication, and information and media literacy. Instruction includes frequent practice in writing various types of multi-paragraph essays, including documented papers; written and oral analysis of American literature representing the ethnic and cultural diversity of the American experience; and analysis of American dialects reflected in the literature. Reference skills and methods of summarizing are taught in the production of documented papers/projects. All phases of the writing process are utilized where appropriate (prewriting, drafting, revising, editing, and publishing). Formal and informal speech experiences are provided. Technology is incorporated into all aspects of the course.

Prerequisite: English 2 Honors

1001410 English 4 Honors (1 Credit)

English Honors 4 promotes excellence in English language arts through enriched experiences in communication skills and instruction in the literature of Great Britain. Instruction will cover the written and oral analysis of major British literary works of various genres in relationship to cultural influences and to the development of the literary traditions of the English language. Writing assignments will develop students' abilities to interpret literature and analyze it critically. All phases of the writing process will be utilized where appropriate (prewriting, drafting, revising, editing, and publishing). Students will also extend their speaking, researching, and listening, skills. Language study should include vocabulary and grammar in the context of literature and writing and an overview of the history of the language as reflected in literature. Technology is incorporated into all aspects of the course.

Prerequisite: English 3 Honors

English AP

1001420 Advanced Placement English Language and Composition (1 Credit)

The course provides a study of the semantic, structural, and rhetorical resources of the English language as they relate to the principles of effective writing. Examples of prose from various fields and periods serve as models of effective writing. This course provides a variety of writing opportunities that require the use of different styles and tones. Students develop individual writing styles adaptable to writing needs in college. Students are expected to take the Advanced Placement examination offered by the College Board.

Prerequisite: N/A

1001430 Advanced Placement English Literature and Composition (1 Credit)

This course involves students in the study and practice of writing and in the study of literature. Students learn to use the modes of discourse and to recognize the assumptions underlying various rhetorical strategies. Students acquire an understanding of the resources of the language and an understanding of the writer's craft through the study of poetry, drama, fiction and expository prose. Students develop critical standards for the analysis of any literary work and increase their sensitivity to literature as shared experience. Students are expected to take the College Board examination for Advanced Placement English Composition and Literature.

Prerequisite: N/A

Math Honors

1200320 Algebra 1 Honors (1 Credit)

This course is a rigorous in-depth study of the topics of Algebra I designed to develop the algebraic concepts and processes that can be used to solve a variety of real-world mathematics problems. The content will include: structure and properties of the real number system; varied means for analyzing and expressing patterns, relations, and functions; variables, algebraic expressions and polynomials; geometric concepts; set operations; dimensional analysis; data analysis concepts and techniques; and varied solution strategies, algebraic and graphic, for inequalities, linear and quadratic equations, and for systems of equations. Calculators and computers will serve as instructional tools in concept development.

Credit in Algebra I Honors precludes credit in Algebra IA and Algebra IB, Algebra I, Applied Mathematics I and II, and Integrated Mathematics I and II.

Prerequisite: Teacher Recommendation

1200340 Algebra 2 Honors (1 Credit)

This course is a rigorous in-depth study of the topics of Algebra II with emphasis on theory, proof, and development of formulas, as well as their application. The content will include: structure and properties of the complex number system; sequences and series; relations; functions and graphs; varied solution strategies for linear equations, inequalities, and systems of equations and inequalities; conic sections and their applications; quadratic, exponential, and logarithmic functions; and the Binomial Theorem. Calculators and computers will serve as instructional tools in concept development.

Prerequisite: Algebra 1 or Algebra 1 Honors and Teacher Recommendation.

1206320 Geometry Honors (1 Credit)

This course is designed to give a rigorous in-depth study of geometry with emphasis on methods of proof and the formal language of mathematics. The content will include the following: structure of geometry; separation properties; angle concepts; triangles, quadrilaterals; proofs, perpendicularity and parallelism in a plane and in space; similar polygons; circles and spheres; constructions; area and volume; coordinate geometry, and topology. Calculators and computers will serve as instructional tools in concept development.

Prerequisite: Algebra 1 or equivalent

1202340 Pre-Calculus Honors (1.0 Credit)

This course emphasizes conceptual and graphical understanding of functions. It reinforces critical thinking and keeps pace with the changes in mathematics and its applications. The content of this course includes the study of a variety of function types (polynomial, exponential, logarithmic, periodic, rational), as well as function transformations and function inverses, the Binomial Theorem, mathematical induction, sequences and series, combinatorics and probability, trigonometry, complex numbers, polar coordinates and topics at the onset of Calculus: limits and derivatives. The course provides students with the foundation necessary for the rigors of future mathematics courses, including Calculus. This course also prepares students well for the SAT Subject Test Mathematics Level 2. This course is fastpaced with coverage of Pre-Calculus topics in depth, including problem-solving in most units. Since Honors PreCalculus is a college-level course, many of its topics extend beyond the K-12 Mathematics standards.

Prerequisite: Algebra 2 or equivalent

Math AP

1210320 Advanced Placement Statistics (1 Credit)

The purpose of this course is to offer students college-level mathematics under the guideline of the advanced placement program. The focus is on preparation for the statistics test given by the College Examination Board. Topics of study will include exploring data, using measurement in planning a study, producing models using probability and simulation to anticipate patterns, and statistical interference. Calculators and computers will serve as instructional tools in concept development. The purpose of the AP course in statistics is to introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to four broad conceptual themes:

- Exploring Data: Describing patterns and departures from patterns,
- Sampling and Experimentation: Planning and conducting a study,
- Anticipating Patterns: Exploring random phenomena using probability and simulation,
- Statistical Inference: Estimating population parameters and testing hypotheses.

1202310 Advanced Placement Calculus AB (1 Credit)

This course is designed to offer students college-level mathematics under the guidelines of the Advanced Placement Program. The focus is on preparation for the Calculus Level AB Test given by the College Examination Board in May. Study will begin by reviewing function definitions, absolute value, and elementary functions from prerequisites. Calculators and computers will serve as instructional tools in concept development. AP Calculus AB is a course designed to offer students college level mathematics under the guidelines of the Advanced Placement Program. The student enrolled in this course will be expected to take the Advanced Placement Examination in Calculus AB. Download a complete course description from the College Board website.

Prerequisite: Math Analysis or Pre-calculus

Science Honors

2000360 Anatomy and Physiology Honors (1 Credit)

The purpose of this course is to enable students to develop understanding of the relationships between the structures and functions of the human body. The content should include, but not be limited to, the following:

- implementation of scientific habits of mind
- application of scientific knowledge, methodology, and historical context to solve problems
- use of laboratory technologies
- terminology
- cells and tissues
- homeostasis
- human genetics, growth, and development
- body composition, structure, and function
- internal and external changes and responses
- connections between anatomy, physiology, medicine, technology, society, and the environment

Prerequisite: Teacher Recommendation

2000320 Biology 1 Honors (1 Credit)

Biology 1 Honors will provide opportunities to students for general exploratory experiences and activities in the fundamental concepts of life. Topics will include but not be limited to: the scientific method, laboratory apparatus usage and safety, biochemistry, cell biology, genetics, botany, zoology, human anatomy and physiology, and ecological relationships. Laboratory activities that include the use of the scientific method, measurement, laboratory apparatus, and safety are an integral part of this course.

Prerequisite: Teacher Recommendation

2003350 Chemistry 1 Honors (1 Credit)

Chemistry I Honors will provide students with an opportunity to study the composition, properties and changes associated with matter. Topics will include but not be limited to: heat, changes of matter, atomic structure, bonding, the periodic tables, formulas, equations, mole concept, gas laws, reactions, solutions, equilibrium systems, and oxidation reduction reactions. Laboratory activities that include the use of the scientific method, measurement, laboratory apparatus, and safety are an integral part of this course.

Prerequisite: Teacher Recommendation

2003390 Physics 1 Honors (1 Credit)

Physics I Honors will provide students with an in depth study of the theories and laws governing the interaction of matter, energy, and the forces of nature. Topics will include but not be limited to: kinematics, dynamics, energy, work, power, heat and thermodynamics, wave characteristics, light, electricity, magnetism, and nuclear physics. Virtual Laboratory activities that include the use of the scientific method, measurement, laboratory apparatus, and safety are an integral part of this course.

Prerequisite: Algebra 2

Science AP

2000340 Advanced Placement Biology (1 Credit)

Advanced Placement Biology will provide students with a college level course in biology and will prepare the student to seek credit and/or appropriate placement in college biology courses. Topics will include but not be limited to: molecular and cellular biology, organism biology, and population biology. Laboratory activities that include the use of the scientific method, measurement, laboratory apparatus, and safety are an integral part of this course.

Prerequisite: Biology/Biology Honors and Teacher Recommendation

2003370 Advanced Placement Chemistry (1 Credit)

The purpose of this course is to study the development and application of chemistry principles and concepts. Includes the study of atomic structure and theory, the chemical properties of matter, chemical reactions, and energy changes. In addition, the student is given the opportunity to learn from detailed laboratory exercises, special projects, and research. Science, technology, and societal issues are integrated throughout the course.

Prerequisite: Teacher Recommendation

2003420 Advanced Placement Physics B (1 Credit)

Advanced Placement Physics will provide students with a college level course in physics and will prepare students to seek credit and/or appropriate placement in college physics courses. Topics will include but not be limited to: kinematics, Newton's Laws of Motion, conservation laws in classical mechanics, torque, rotational equilibrium, gravitation, oscillation, kinetic theory and thermodynamics, electrostatics, electric currents, magnetism, waves and optics, and modern physics. Laboratory activities that include the use of the scientific method, measurement, laboratory apparatus, and safety are an integral part of this course.

Prerequisite: Teacher Recommendation

Social Studies Honors

2100320 United States History Honors (1 Credit)

American History Honors will provide students with the opportunity to acquire an in-depth and comprehensive understanding of the chronological development of the American people by examining the political, economic, social, religious, military, scientific, and cultural events that have affected the nation. Implicit in this is an understanding of the historical method, the inquiry process, historical reasoning and interpretation, and the issues of external and internal validity.

Prerequisite: Recommended for 11th Grade

2102345 Economics with Financial Literacy Honors (.5 credit)

Students will acquire understanding in currency, banking, and monetary policy, the fundamental concepts relevant to the major economic systems, the global market and economy, major economic theories and economists, the role and influence of the government and fiscal policies, economic measurements, tools, and methodology, financial and investment markets, and the business cycle. Students will develop the critical skills of analysis, synthesis, and evaluation in a more rigorous and reflective academic setting. Students are empowered to perform at higher levels as they engage in the following: analyzing historical documents and supplementary readings, working in the context of thematically categorized information, becoming proficient in note-taking, participating in Socratic seminars/discussions, emphasizing free-response and document-based writing, contrasting opposing viewpoints, solving problems, etc. Students will develop and demonstrate their skills through participation in a capstone and/or extended research-based paper/project (e.g., history fair, participatory citizenship project, mock congressional hearing, projects for competitive evaluation, investment portfolio contests, or other teacher-directed projects).

Prerequisite: Recommended for 12th Grade

2109320 World History Honors (1 Credit)

World History Honors will provide students the opportunity to acquire a comprehensive understanding of the past in terms of what has been interpreted about change or process as it related to the development of humanity. This is done by analyzing the political, economic, social, religious, military, dynastic, scientific, and cultural events that have shaped and molded humanity. Implicit in this is an understanding of the historical method, the inquiry process, historical reasoning and interpretation.

Prerequisite: Recommended for 10th Grade

Social Studies AP

2109420 Advanced Placement World History (1 Credit)

The AP World History course offers motivated students the opportunity to immerse themselves in the processes that, over time, have resulted in the knitting of the world into a tightly integrated whole. The course will cover 4 chronological periods from approximately 1000 AD to the present with careful preparation in terms of previous developments known as the Foundations segment. Topics include, but are not limited to impact of interaction among major societies, the relationship of change and continuity impact of technology and demography on people and environment, systems of social structure and gender structure, cultural and intellectual developments, changes in functions and structures of states and in attitudes toward states and political identities.

Prerequisite: Teacher Recommendation

2100330 Advanced Placement United States History (1 Credit)

Advanced Placement American History will provide students with the opportunity to develop the analytic skills and factual knowledge necessary to deal critically with the problems, content, and materials of American historic development. Integral components of this course will include, but not be limited to, the formation of generalizations from primary sources in history, the synthesis and evaluation of information, the development of a set of criteria for judging proposed courses of action in terms of actual and projected consequences, the comparison of eras with similar trends, and analysis of the impact of major historical figures and groups on American and world events, the detection of bias in making conclusions, and the emergence of patterns in historical development.

Prerequisite: Teacher Recommendation

Course Catalogue

2106420 Advanced Placement United States Government and Politics (.5 credit)

This course will give students a critical perspective on politics and government in the United States. It requires familiarity with the various institutions, groups, beliefs, and ideas that make up the American political reality. Specific content to be covered will include, but not be limited to, an understanding of federalism and the separation of powers, the development of the constitution, the process of politics, the nature of public opinion, the role of political parties and interest groups, the major formal and informal institutional arrangement of powers, and the development of civil liberties and civil rights.

Prerequisite: Teacher Recommendation

2102370 Advanced Placement Macroeconomics (.5 credit)

Advanced Placement Macroeconomics gives students an opportunity to analyze the worldwide effects of economic activities and their impact on taxation, monetary policy, balance of trade issues, government policy, exchange rates, and similar "big picture" concepts. Students will understand economic concepts, vocabulary, and statistical interpretation of economic data.

Prerequisite: Teacher Recommendation

2102360 Advanced Placement Microeconomics (.5 credit)

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

Prerequisite: Teacher Recommendation

2107350 Advanced Placement Psychology (1.0 credit)

AP* Psychology provides an overview of current psychological research methods and theories. Students will explore the therapies used by professional counsellors and clinical psychologists and examine the reasons for normal human reactions: how people learn and think, the process of human development and human aggression, altruism, intimacy, and self-reflection. They will study core psychological concepts, such as the brain and sense functions, and learn to gauge human reactions, gather information, and form meaningful syntheses. Along the way, students will also investigate

*APEX AP Curriculum Platform

Academy of Criminal Justice

This online criminal justice career path is designed to help prepare students to enter the criminal justice field in a variety of first-tier positions. Students will be exposed to the foundational areas of the discipline: investigation and law enforcement, law and courts, and corrections and parole. The program also addresses juvenile delinquency and the juvenile justice system.

8918010 Criminal Justice Operations (1 Credit)

This course is designed to introduce students to the fields of law enforcement, the court system, and the correctional system. The content includes career opportunities in these fields, court system, correctional system, interpersonal and communication skills, and employability skills.

Prerequisite: N/A

2106380 Law & Order: Introduction to Legal Studies (1 Credit)

The primary content for the course pertains to the examination of the American legal system and the nature of specific rights granted under the United States Constitution. Content should include, but is not limited to, the historical antecedents of laws and the basis for the creation of laws, the background, principles and applications of the United States Constitution, the rights protected by the Constitution and precedent-setting cases related to these rights, the process for enacting criminal laws at the state and local levels, the stages of the criminal justice system, the government and private agencies which provide services to individuals accused of crimes, the citizen's role in the legal system, the role of women and diverse cultural groups within the justice system, and careers in the justice system.

Prerequisite: N/A

2002480 Forensic Science 1 (1 Credit)

Laboratory investigations that include the use of scientific inquiry, research, measurement, problem solving, laboratory apparatus and technologies, experimental procedures, and safety procedures are an integral part of this course. The National Science Teachers Association (NSTA) recommends that at the high school level, all students should be in the science lab or field, collecting data every week. School laboratory investigations (labs) are defined by the National Research Council (NRC) as an experience in the laboratory, classroom, or the field that provides students with opportunities to interact directly with natural phenomena or with data collected by others using tools, materials, data collection techniques, and models (NRC, 2006, p. 3). Laboratory investigations in the high school classroom should help all students develop a growing understanding of the complexity and ambiguity of empirical work, as well as the skills to calibrate and troubleshoot equipment used to make observations. Learners should understand measurement error; and have the skills to aggregate, interpret, and present the resulting data (National Research Council, 2006, p.77; NSTA, 2007).

Prerequisite: N/A

Academy of Business & Entrepreneurship

Managers play a critical role in shaping America's future. Businesses need managers who are effective, creative, disciplined and well educated. The Business Management career choices gives students the career skills to gain a understanding in the many areas of business. Career opportunities include management positions in manufacturing companies, business and management consulting, financial planning and banking, sales management, marketing and personnel administration.

7980040 Entrepreneurship: Starting Your Business (1 Credit)

The purpose of this course is to prepare students with disabilities to pursue entrepreneurship/self-employment. Students will acquire skills needed to explore their potential as entrepreneurs and develop necessary skills to plan and operate a business with support and assistance.

Prerequisite: N/A

8812100 Introduction to Business (1 Credit)

The purpose of this course is to assist students in making informed decisions regarding their future academic and occupational goals and to provide information regarding careers in the Business, Management and Administration career cluster. The content includes but is not limited to fundamental knowledge and skills related to business functions in the Business, Management and Administration cluster. Reinforcement of academic skills occurs through classroom instruction and applied laboratory procedures.

Prerequisite: N/A

8827110 Marketing Essentials (1 Credit)

This course is designed to prepare students for employment in various sales, customer service, advertising and promotion, and first line supervisory positions in wholesale, retail and service areas. Students will prepare to perform marketing and management functions and tasks as they relate to selling and retailing, e-commerce, sports and entertainment, and hospitality and tourism industries. Students will experience application of the following Florida Math Standards: number sense data analysis and probability, patterns and algebra, discrete math, and logic.

Prerequisite: N/A

9200500 Marketing Management (1 Credit)

This course provides instruction for career-sustaining level employment in the industry. The content includes applied skills related to the marketing functions, including employment skills required for success in marketing and career planning as related to a marketing industry.

Prerequisite: N/A

Academy of Internet Technologies

New Media specialists are an exceptional group of contemporary students. They must possess deep and far-ranging skills in their fields of concentration along with a broad understanding of the social and economic impact of all cutting-edge new media technologies. They must be consummate problem solvers, with the well-honed ability to teach themselves emerging technologies. And, finally, they must have the knowledge and composure to make informed, timely decisions in an arena of constant urgency and change: a huge challenge!

02003100 Computer Applications (1 Credit)

Computer Applications is a course designed to teach students how to use the computer as a business and personal tool through the use of applications software. Appropriate software for database management, word processing, graphics, and spreadsheets will be used. Students will also perform activities using integrated software programs.

Prerequisite: N/A

5002000 Introduction to Computers (1 Credit)

The purpose of this course is to enable students to develop basic skills in computer fundamentals, keyboarding, computer applications, research tools, and educational applications. Within appropriate developmental guidelines the content of this course should enable students to:

- Understand computer specific terminology
- Demonstrate a basic knowledge of computer technology, function and application
- Demonstrate keyboard proficiency
- Use the computer to integrate all areas of the curriculum
- Create original works using multimedia tools
- Use computer programs and educational software to reinforce their learning
- Undertake research and expand their critical thinking skills
- Understand the importance of cyber safety and computer etiquette

Prerequisite: N/A

9007210 Introduction to C++ Programming (1 Credit)

In this introductory course, students learn basic programming concepts through a series of hands-on projects. They also learn about software development careers, the software development process, and industry best practices. Using Microsoft Visual C++ 7.0, students master the building blocks of programming: functions, variables, loops, arrays, and classes.

Prerequisite: N/A

82071100 Web Design with Dreamweaver (1 Credit)

This course is designed to provide a basic overview of the internet, intranet, and the World Wide Web (www). The content includes operating systems; basic html commands; navigation of the internet, intranet, and web; and web page design.

Prerequisite: N/A

Academy of Health Sciences

"What do I want to do when I graduate?" is a question most high school students face at one time or the other. And for some, the American High School Health Science Careers program helps answer that question. The Health Science Careers program enables juniors and seniors to earn college credits in preparation for a career in a health field.

8417106 Orientation to Nursing (1 Credit)

The purpose of this course is to acquaint students with career opportunities and job requirements in the field of nursing which will enable students to consider career objectives and interests. Reinforcement of basic skills in English, mathematics, and science appropriate for the job preparatory programs occurs through vocational classroom instruction and applied laboratory procedures or practice. Special projects that are related to nursing are provided, including role playing activities of daily living as a handicapped individual, developing an emergency evacuation plan for their own home, menu planning and feeding techniques, applying slings, use of wheelchairs, and creating their own nursing career plan. Team teaching and integration of the curriculum with English, Math and Science is encouraged.

Prerequisite: N/A

8111510 Veterinary Science: The Care of Animals (1 Credit)

This course is designed to develop competencies in areas such as the history of the animal industry; applied scientific and technological concepts; safety; terminology; careers; breed identification; animal care and human relations skills.

Prerequisite: N/A

Elective Courses

"What do I want to do when I graduate?" is a question most high school students face at one time or the other. And for some, the American High School Health Science Careers program helps answer that question. The Health Science Careers program enables juniors and seniors to earn college credits in preparation for a career in a health field.

2101300 Anthropology I: Uncovering Human Mysteries (1 Credit)

Anthropology course consists of the following content area strands: American History, World History, Geography, Humanities, Civics and Government. The primary content emphasis for this course pertains to the study of the differences and similarities, both biological and cultural, in human populations. Students recognize the characteristics that define their culture and gain an appreciation for the culture of others. Content should include, but is not limited to, human biological and cultural origins, adaptation to the physical environment, the diversity of human behavior, the evolution of social and cultural institutions, patterns of language development, family and kinship relationships, and the effect of change on cultural institutions.

Prerequisite: N/A

2001350 Astronomy: Exploring the Universe (1 Credit)

Why do stars twinkle? Is it possible to fall into a black hole? Will the sun ever stop shining? Since the first glimpse of the night sky, humans have been fascinated with the stars, planets, and universe that surrounds us. This course will introduce students to the study of astronomy, including its history and development, basic scientific laws of motion and gravity, the concepts of modern astronomy, and the methods used by astronomers to learn more about the universe. Additional topics include the solar system, the Milky Way and other galaxies, and the sun and stars. Using online tools, students will examine the life cycle of stars, the properties of planets, and the exploration of space.

Prerequisite: N/A

8905100 Cosmetology: Cutting Edge Styles (.5 Credit)

Students will explore career options in the field of cosmetology. Research into some of the common techniques used in caring for hair, nails, and skin in salons, spas, and other cosmetology-related businesses will also be presented.

Prerequisite: N/A.

Course Catalogue

8800510 Culinary Arts (1 Credit)

This course covers the history of the food service industry and careers in that industry. Also covered are safety in the workplace; employability skills; leadership/teamwork skills; care and use of commercial culinary equipment; basic food science; basic nutrition; and following recipes in food preparation labs.

Prerequisite: N/A

8201310 Digital Photography 1 (1 Credit)

This course provides competencies in photographic history, the production process, intellectual property rights, camera systems, support equipment, basic photography and workflow applications.

Prerequisite: N/A

8806010 Fashion & Interior Design (0.5 Credit)

Do you have a flair for fashion? Are you constantly redecorating your room? If so, the design industry might just be for you! In this course, you'll explore what it is like to work in the industry by exploring career possibilities and the background that you need to pursue them. Get ready to try your hand at designing as you learn the basics of color and design then test your skills through hands-on projects. In addition, you'll develop the essential communication skills that build success in any business. By the end of the course, you'll be well on your way to developing the portfolio you need to get your stylishly clad foot in the door of this exciting field.

Prerequisite: N/A

5632480 Gothic Literature: Monster Stories (1 Credit)

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

Prerequisite: N/A

1009320 Introduction to Creative Writing (0.5 Credit)

The purpose of this course is to enable students to develop and use grade 9-10 writing and language skills for creative expression in a variety of literary forms. Studying and modeling a variety of genres will be emphasized at this level of creative writing.

Prerequisite: N/A

Course Catalogue

1006375 Introduction to Social Media: Our Connected World (0.5 Credit)

The purpose of this course is to enable students to develop fundamental skills in the use of social media across print, multimedia, web, and broadcast platforms, including ethical and legal uses.

Prerequisite: N/A

1300300 Music Appreciation: The Enjoyment of Listening (1 Credit)

Students learn how music is constructed and developed, and acquire a basic understanding of the structural, technical, and historical elements of music. Student theorists develop basic ear-training, keyboard, and functional singing skills, and engage in the creative process through individual and collaborative projects. Public performances may serve as a resource for specific instructional goals. Students may be required to attend one or more performances outside the school day to support, extend, and assess learning in the classroom.

Prerequisite: N/A

1400300 Peer Counseling (1 Credit)

The purpose of this course is to enable students to develop basic knowledge and skills in communication, meeting human needs, and conflict resolution. The content should include the following:

- Demonstrate knowledge of the functions and responsibilities of peer facilitators (e.g., listening, confidentiality,
- team building, conflict resolution, and intervention).
- Demonstrate awareness of varied behavioral responses to situational, environmental, and chemical elements; and the impact of subsequent decision-making on self and others.
- Demonstrate knowledge of basic human needs (e.g., food, clothing, shelter, recognition, development, security,
- identity) and the ways in which they can be met while developing group cohesion.
- Demonstrate use of basic facilitative communication skills (e.g., listening, questioning, feedback, paraphrasing, nonverbal communication, nonjudgmental response).
- Identify own feelings and needs and communicate them in a positive way.
- Demonstrate awareness of leadership styles (e.g., authoritarian, democratic, permissive).
- Demonstrate awareness of methods for dealing with conflict (e.g., communication, assertion, avoidance,
- aggression) and steps to resolution (i.e., set rules, gather perspectives, identify needs and goals, create and evaluate options, and generate agreement)
- Make inferences and justify conclusions from sample surveys, experiments, and observational studies.

Prerequisite: N/A

Course Catalogue

1007300 Public Speaking (1 Credit)

The purpose of this course is to develop students' beginning awareness, understanding, and application of language arts as it applies to oral communication concepts and strategies in a variety of given settings.

Prerequisite: N/A

M899400 Sports & Entertainment Marketing (1 Credit)

This program offers a sequence of courses that provides coherent and rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and careers in the Marketing, Sales and Service 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 the Marketing, Sales and Service career cluster. The purpose of this program is to prepare students for employment or advanced training in the sport, recreation, and entertainment marketing and sales industry. The content includes, but is not limited to, employability skills; selling techniques; public relations and publicity; event planning and execution; and licensing, sponsorship, and endorsements.

Prerequisite: N/A

0400660 Theatre, Cinema and Film Production (1 Credit)

In Theatre, Cinema, and Film Production, a one-credit course, students explore the elements of film and cinematic techniques used by those who create movies. Students study the techniques in film that serve the story and articulate the theme. Students also prepare a comparative for theatre, film, and literature. Public performances may serve as a resource for specific instructional goals. Students may be required to attend or participate in technical work, rehearsals, and/or film production beyond the school day to support, extend, and assess learning in the classroom.

Prerequisite: N/A

1009330 Writing for Publication (0.5 Credit)

The purpose of this course is to enable students to develop and use grade 11-12 writing and language skills for creative expression in a variety of literary forms. Studying and modeling a variety of genres will be emphasized at this level of creative writing.

Prerequisite: N/A

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