

# Coral Glades High School

# COURSE DIRECTORY

2020-2021

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Course availability is subject to change based on enrollment or mandated changes in the student schedule.

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## ARTS: VISUAL ARTS

### **Ceramics 1** **Grades 9-12**

This is an introductory course in ceramics. Students will learn the basic hand-building techniques in clay. Students will study art from around the world and will create functional pottery and expressive sculptures in clay.

### **Ceramics 2** **Grades 10-12**

This is an intermediate level art course in ceramics. Students will study art and combine different hand-building techniques in clay to create more complex pottery and expressive sculptures in clay.

### **Ceramics 3 Honors** **Grades 11-12**

This is an advanced level art class in ceramics. Students will study art and develop a personal approach to working in clay that demonstrates proficiency using advanced skills and techniques.

### **Drawing 1** **Grades 9-12**

Students will be introduced to the fundamentals of Drawing and Painting such as line, color, composition, shape, space, balance, movement, and pattern. Students will utilize a wide range of materials (watercolor, pencil, acrylic, collage, and printmaking) in order to solve artistic problems and learn about how artists and makers from around the world have approached creative problem solving in a multitude of ways.

### **Drawing 2** **Grades 10-12**

As an extension of the beginning course students will further explore artistic process and materials. This intermediate course will strengthen students art making skills in drawing and painting while also developing a personal voice from which to approach creative problem solving.

### **Drawing 3 Honors** **Grades 11-12**

This class will explore the conceptual development of content while cementing foundational skills of artistic expression. Students will be thinking deeply about the meanings and motivations of artworks from around the world and strengthening their unique perspective. At this level students will be asked to write about their observations and infuse personal meaning and depth into their art production.

### **Portfolio Development:** **Drawing Honors** **Grade 12**

This course provides the opportunity for students to continue their artistic pursuits for a fourth year. Students will work independently to create a portfolio of artistic expression at an advanced level that will then serve as documentation for them to show their work as part of a College Application or further study at a Professional Program. The emphasis for this course will be on style including mark making, surface quality, and experimentation.

### **Portfolio Development:** **2-D Design Honors**

Similar to the Advanced Drawing course students will be working independently. 2D Design

## NEW

### **Film 1**

Students explore the fundamental concepts, terminology, techniques, and applications of digital imaging to create original work. The instructional focus will be on film. Students produce digital animated images through the single or combined use of computers, digital cameras, digital video cameras, scanners, photo editing software, drawing and painting software, graphic tablets, printers, new media, and emerging technologies. Through the critique process, students evaluate and respond to their own work and that of their peers to measure artistic growth. This course incorporates hands-on activities, the use of technology, and consumption of art materials.

### **Cambridge (AICE) Media Studies**

Cambridge International AS Level Media Studies offers learners the chance to develop an understanding and appreciation of the place of media in our everyday lives. The syllabus enables learners to take a hands-on approach to the subject. Through the coursework components - the Foundation Portfolio for AS Level students create their own media products from planning through to execution. Learners also consider and analyze examples from existing media, examining production processes and technologies and the effects they achieve. In addition to creating a media product, students will prepare for and must take the AICE Media Studies exam-GROUP 3

### **American Sign Language (ASL) 1**

American Sign Language 1 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 with introductions to culture, connections, comparisons, and communities.

### **Chinese 1**

Chinese 1 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.

### **Cyber Security Career Path**

This program offers a sequence of courses that provides coherent and rigorous content aligned with chal-

lenging academic standards and relevant technical knowledge and skills needed to prepare for further education and cybersecurity-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 cybersecurity.

### **IT Fundamentals (Cyber Security I)** **Grades 10-12**

PREREQUISITE: Advanced IT Honors.

This course introduces students to the essential concepts, components, terminology, and knowledge about computers, computer systems, peripherals, and networks. The successful completion of the Advanced IT Honors course and a passing score on the first part of the CompTIA A+ 1001 Certified Hardware Technician Exam are required prerequisites before taking this course. In this course, students will complete part two of the CompTIA A+ 1001 Troubleshooting and Hardware Exam. Upon successful completion of this course, students will hold the CompTIA A+ 1001 Certification.

### **Computer and Network Security Fundamentals (Cyber Security II)** **Grades 11-12**

This course introduces students to cybersecurity and provides them with essential computer and networking knowledge and skills, particularly those related to cybersecurity. The successful 24 completion of the IT Fundamentals course and a passing score on the CompTIA A+ Certification are required prerequisites before taking this course. Upon successful completion of this course, students will hold the CompTIA Network+ Certification.

### **Software & Application Security (Cyber Security III)** **Grades 11-12**

This course addresses the creation of secure software applications, including identifying the vulnerabilities and mitigation strategies. The successful completion of the Cyber and Networking Security Fundamentals course and a passing score on the CompTIA Network+ Certification are required prerequisites before taking this course. Upon successful completion of this course, students will hold the CompTIA Security+ Certification.

focuses on art making that highlights the elements and principles of art such as experimentation in texture, emphasis, pattern, unity, balance, and value.

**Portfolio Development: 3-D Design Honors**

This course is designed for students who would like to focus on ceramics or pottery for a fourth year. As an advanced honors level course, students will work independently to create a portfolio of three-dimensional artworks or pottery in clay that demonstrates a range of skills and a personal approach.

**Advanced Placement (AP) Studio Art: Drawing**

This class is the equivalent to a semester long college-level art class. AP students are required to create a portfolio for submission to the College Board for examination. The portfolio will be a series of 15 images that show the sustained investigation and development of an idea. Students will also provide written descriptions of each artwork along with images of their making and process. The Drawing portfolio will be judged based on mark making, line quality, and surface manipulation. This class requires self-motivation and a diligent work ethic.

**Advanced Placement (AP) Studio Art: Two-Dimensional (2-D) Art and Design**

**Grades 11-12**  
Like the AP Drawing course students will create a portfolio to be examined by the College Board. In this course the sustained investigation must show mastery of 2D design concepts like Line, Form, Space, Balance, Contrast, Rhythm, and Pattern. This class requires self-motivation and a diligent work ethic.

**Advanced Placement (AP) Studio Art: Three Dimensional (3-D) Art and Design**

**Grades 11-12**  
This course fulfills the equivalent of a semester of college-level coursework and is for highly motivated students who have taken multiple ceramics or 3-D art classes. Students are required to create 12-14 artworks that demonstrate synthesis of materials, processes, and ideas using 3-D art and design skills. Portfolios are evaluated by the College Board.

## ARTS: PERFORMING ARTS

**Chorus 1**

Students with little or no previous instruction on vocal techniques will learn the fundamentals of vocal music as well as singing techniques.

**Chorus 2 and 3**

Students who have previous instruction on vocal techniques will learn extended fundamentals of vocal music as well as advanced singing techniques.

**Vocal Ensemble 1 and 2**

Students develop basic musicianship and ensemble performance skills through the study of basic, high-quality music in diverse styles. Students focus on building foundational music techniques, music literacy, listening skills, and aesthetic awareness. Public performances may serve as a culmination of specific instructional goals.

**Keyboard 1, 2, and 3**

Students build piano techniques from fundamental to more advanced through reading music, acquiring and applying knowledge of music theory and exploring the role of keyboard music in history and culture.

**Eurhythmics**

Students who wish to perform dance and flag will learn various styles and techniques through dance, flag, rifle and sabre. This is not an open course.

**Band 1**

Students with little or no previous instruction will learn fundamentals of music as well as performance techniques on their selected instrument.

**Band 2**

Students with little previous instruction will learn extended fundamentals of music as well as performance techniques on the instrument. Teacher recommendation is required.

**Band 3 - Band 5**

Students who have at least three years of instruction will learn extended fundamentals of music along with performance technique. Teacher recommendation is required for these courses.

**Music Technology**

Students explore the fundamental applications and tools of music technology and sound engi-

neering. They create and learn its terminology and the history and aesthetic development of technology to capture, create and distribute music.

**AP Music Theory**

This course introduces students to musicianship, theory, musical materials, and procedures. The course integrates aspects of melody, harmony, texture, rhythm, form, and musical analysis, elementary composition and, to some extent, history and style.

**Theatre 1**

**Grades: 9-12**  
Students will study basic principles of acting and character analysis, explore the use of objectives, obstacles, & choices, learn basic stage and rehearsal terms, and learn about theater etiquette and the audition process. Class activities include learning the basic skills necessary for theatrical productions, reading and analyzing plays, and evaluating performances. Topics include auditioning, blocking, character development, stage makeup, voice and diction, one-acts, full-length plays, and writing your own script.

**Theatre 2-3**

**Grades: 10-12**  
These classes are taught on a rotating curriculum. Each year there will be a major project that is rotated so a student may take this class every year. These projects include writing a one-act, a stagecraft project, a publicity project, and performing in a one-act project. Other class assignments will include play studies, how to build a flat, the stage, and advanced theater terms.

**Acting**

In, simple scripted scenes, performance projects, and/or practical application, students learn to identify what makes performance believable and explore the tools used to create, articulate, and execute them. Upon completion of this course, students will have a strong foundation for future scene work, script analysis, and play production. Students may be required to participate in technical work, rehearsals, and/or film production beyond the school day.

**Theatre, Cinema, and Film Production**

**Grades: 10 - 12**  
Students will explore the elements of film and cinematic techniques used by those who create movies

as well as study the techniques in film that serve the story and articulate the theme. Students may be required to participate in technical work, rehearsals, and/or film production beyond the school day.

## CAREER EDUCATION

**Introduction to Culinary Arts**

**Grades: 9**  
This course blends food preparation theory and guidelines with practical hands-on application. Content includes nutrition, food preparation and cooking, food storage, and food presentation. This is a hands-on class that is both practical and fun. This course is the first in a sequence of instruction leading to a certification in the Culinary Arts.

**Culinary Arts 2**

**Grades: 10-12**  
This course provides students with skills and knowledge of the exciting world of food preparation and culinary arts. Content includes nutrition, food preparation and cooking, food storage, and food presentation. This is a hands-on class that is both practical and fun. This course is the second in a sequence of instruction leading to a certification in the Culinary Arts.

**Culinary Arts 3 Honors**

In this course the student will research career opportunities in professional cooking/baking; follow guidelines on food selection, purchasing, and storage; and use communication skills. Students will prepare and present a variety of advanced food products; create centerpieces; and research laws specific to the hospitality industry. Also covered are management skills; how to develop a business plan; and utilization of technology in the workplace.

**Culinary Arts 4 Honors**

In this course students will prepare various meals and food products including those for individuals with various nutritional needs and/or dietary restrictions. The relationship between nutrition and wellness will be examined. Cost control techniques and profitability will be covered as well as analysis of food establishment menus. Students will also demonstrate basic financial literacy skills.

**Introduction to Hospitality and Tourism**

The purpose of this course is to introduce students to the skills necessary for success in the hospitality and tourism industry. Students will also have the opportunity to learn hospitality and tourism terminology and the mathematical, economic, marketing, and sales fundamentals of the industry.

**Technology for Hospitality and Tourism**

This course is designed to provide an introduction to computer technology and to develop entry-level skills for computer-related careers in the hospitality & tourism industry.

**Hospitality and Tourism Marketing Management**

The purpose of this course is to provide students necessary career specific instruction in hospitality and tourism marketing management. Students will learn sales and management techniques, marketing principles, and entrepreneurship skills necessary to succeed in the hospitality and tourism industry. This course incorporates marketing and management principles and procedures of the hospitality and tourism industry as well as employment qualifications and opportunities.

**Hospitality and Tourism Entrepreneurship**

The purpose of this course is to provide with the academic and technical preparation to pursue high-demand and high-skill careers in hospitality related industries. In addition, this course is designed so that performance standards meet employer expectations, enhancing the employability of students.

**Marketing Essentials**

**Grades 9-11**  
Marketing Essentials blends theory and practice to facilitate immediate implementation and impact. Students will learn to develop strategic marketing with sales and customer plans. A review of the marketing environment is used to help develop the segmentation, targeting and market positioning strategy for implementation along with the marketing mix (product, price, place and promotion). The goal is the identification and delivery of organizational competitive advantage and customer satisfaction – key to long-term revenue growth, profitability and success. DECA Participation Required.

**Marketing Applications Honors**  
**Grades 10-12**

This course is designed to provide students with an in-depth study of marketing in a free enterprise society and includes advertising, promotion, product development and branding, selling and marketing research. This course also includes the uses of technology and the Internet in marketing, purchasing, retail positioning strategies, and e-Commerce marketing. DECA Participation Required.

**Marketing Management Honors**  
**(3rd year students only)**

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

**Business Ownership Honors**  
**(4th year students only)**

The purpose of this course is to prepare students for careers as entrepreneurs, present entrepreneurship as a career path worthy of consideration, provide students with the skills needed to realistically evaluate their potential as business owners, and develop the fundamental knowledge and skills necessary to start and operate a business. DECA Participation Required.

**Financial and Business Technology**

This provides the student with basic knowledge of data processing. In addition, this course is the foundation for further training in computer programming for business use. Theory, flow charting, and terminology are covered. Hands-on data entry and micro-computer applications with commercially prepared software in the areas of test-editing, database management, business records, book-keeping, and electronic spread sheets are covered. DECA Participation Required.

**Financial Operations Honors**

This course presents basic topics in macro and microeconomics, and the principles and practices of banking, credit, and consumer lending in the United States. Additional emphasis is placed on money, credit and banking, economic growth and

stability, use of limited resources, characteristics of different economic systems and institutions, taxation and budgeting, labor management relations, and sales. The students become familiar with the major functions of banks and other financial intermediaries, central banking by the Federal Reserve System, and modern trends in the finance industry. The students are also introduced to credit functions, principles of credit risk evaluation, loan creation, debt collection, and stocks and bonds. DECA Participation Required.

**Accounting Applications 1 Honors**

This course emphasizes double-entry accounting; methods and principles of recording business transactions; the preparation of various documents used in recording income, expenses, acquisition of assets, incurrence of liabilities, and changes in equity; and the preparation of financial statements. The use of computers and appropriate software is required. DECA Participation Required.

**Personal Financial Planning Honors**

This honors course develops an awareness of the need for care and organization in planning for the wise use of economic resources and financial products available through a study of savings, credit, insurance, banking and financial goals. The students are provided with the concepts needed to understand international trade. The students are made aware of the career opportunities offered by lending institutions. Learning activities, in and out of the classroom, are an integral part of this program. DECA Participation Required.

**Cambridge (AICE) Business AS Level**  
**Grades 10-12**

The Business syllabus enables learners to understand and appreciate the nature and scope of business, and the role it plays in society. The syllabus covers economic, environmental, ethical, governmental, legal, social and technological issues, and encourages a critical understanding of organizations, the markets they serve and the process of adding value. Learners examine the management of organizations and, in particular, the process of decision-making in a dynamic external envi-

ronment. Students will prepare for and must take the AICE Business exam. GROUP 3 DECA Participation Required.

**Digital Information Technology**

This course is designed to provide an introduction to Digital Information Technology through the lens of business concepts. The content includes learning and application of Microsoft Office 365 (Word, Excel, PowerPoint and Outlook), an in-depth look at business careers in Digital Information Technology, and an overview on how Digital Information Technology impacts industry and society. Students will understand the basic functions of the MS Office 365 suite and synthesize business tasks using the tools and skills acquired in the course. Students will understand how to conduct basic, credible research using the web, analyze information and create documents, presentations, and worksheets relevant to today's business environment. Students will also learn to communicate effectively using email and understand email etiquette in the workplace. Students will also prepare for the Microsoft Office Specialist (MOS) certification and have the opportunity sit for the MOS exam and earn the MOS certificate.

**Advanced Information Technology Honors**

COREQUISITE: Algebra 1 This course introduces the foundations of Computer Science. This course is designed to introduce the breadth of the field of computer science through an exploration of engaging and accessible topics. This course does not focus on learning any specific programming languages or software tools. Rather the course is designed to focus on the conceptual ideas of computing and to help students understand why certain tools or languages might be utilized to solve problems. The goal of this course is to develop in students the computational practices of algorithm development, problem solving and programming within the context of problems that are relevant to the lives of today's students. Students will also be introduced to topics such as interface design, limits of computers, and societal and ethical issues involving computers. The combination of both content and practices provides students with a sense of what computer scientists

actually do. In this course, students will take the first half of the two part CompTIA A+ Certification Exam or become an Adobe Certified Associate by passing the Adobe DreamWeaver or Adobe Photoshop Certification Exam.

**Advanced Placement (AP) Computer Science Principles**  
**Grades 10-12**

PREREQUISITE: Algebra 1, Advanced IT Honors, or Game & Simulation. 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 problem solving and design using the Java language. Students will prepare a digital portfolio and code a working application in addition to taking the AP Computer Science Principles multiple choice exam.

**Advanced Placement (AP) Computer Science A**  
**Grades 11-12**

PREREQUISITE: AP Computer Science Principles or Game and Simulation. The purpose of Advanced Placement Computer Science A is to provide an extensive study of the applications of computing within the context of programming methodology, algorithms, and data structure. The content includes, but is not limited to, emphasis on structured and logical design of computer programs and advanced topics such as controls, structures, and file manipulation. Students will prepare for and must take the AP Computer Science A exam.

**Game & Simulation Career Path**

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 such as a Game/Simulation Designer, Game Programmer, and Game Software Developer 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 the Information Technology career cluster.

**Game & Simulation Foundations**

This course is designed to provide an introduction to game and simulation concepts and careers, the impact game and simulation has on society and media integration. This course compares and contrasts games and simulations, key development methodologies and tools, careers, and industry-related information. This course also covers strategies, processes, and methods for conceptualizing a game or simulation application; storyboarding techniques; and development tools. In this course, students will become an Adobe Certified Associate by passing the Adobe Photoshop Certification Exam.

**Gaming Simulation Design**

This course covers the fundamental principles of designing a game or a simulation application, in particular Human Computer Interface (HCI) principles, rules, and strategies of play, conditional branching, design and development constraints, use of sound and animation, design tools and implementation tools. The content includes market research, product design documentation, storyboarding, proposal development, and presentation of a project report. In this course, students will become an Adobe Certified Associate by passing the Adobe Illustrator Certification Exam.

**Game & Simulation Programming**

This course is focused on students acquiring the appropriate programming skills for rendering a game or simulation product, including program control, conditional branching, memory management, scorekeeping, timed event strategies and methodologies, and implementation issues. In this course, students will become an Adobe Certified Associate by passing the Adobe Animate Certification Exam.

**Cyber Security Career Path**

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 cybersecurity-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 cybersecurity.

**IT Fundamentals (Cyber Security I)**

**Grades 10-12**

**PREREQUISITE:** Advanced IT Honors.

This course introduces students to the essential concepts, components, terminology, and knowledge about computers, computer systems, peripherals, and networks. The successful completion of the Advanced IT Honors course and a passing score on the first part of the CompTIA A+ 1001 Certified Hardware Technician Exam are required prerequisites before taking this course. In this course, students will complete part two of the CompTIA A+ 1001 Troubleshooting and Hardware Exam. Upon successful completion of this course, students will hold the CompTIA A+ 1001 Certification.

**Computer and Network Security Fundamentals (Cyber Security II)**

**Grades 11-12**

This course introduces students to cybersecurity and provides them with essential computer and networking knowledge and skills, particularly those related to cybersecurity. The successful completion of the IT Fundamentals course and a passing score on the CompTIA A+ Certification are required prerequisites before taking this course. Upon successful completion of this course, students will hold the CompTIA Network+ Certification.

**Software & Application Security (Cyber Security III)**

**Grades 11-12**

This course addresses the creation of secure software applications, including identifying the vulnerabilities and mitigation strategies. The successful completion of the Cyber and Networking Security Fundamentals course and a passing score on the CompTIA Network+ Certification are required prerequisites before taking this course. Upon successful completion of this course,

students will hold the CompTIA Security+ Certification.

**Television Production 1**

This course presents industry terminology, procedures and skills in staging sets, performing lighting activities for a production and operation of studio equipment.

**Television Production 2**

This course presents script interpretation, the functions of a production team, and careers in Television Production.

**Television Production 3**

This course presents communication, math, science, and computer skills related to the industry, as well as employability skills and entrepreneurship.

**Introduction to Engineering Design Honors**

This is the first of five courses offered in the Engineering program. This course provides students with a foundation of knowledge and technically oriented experiences in the study of the applications of technology and its effects upon our lives and the choosing of an occupation. Students will use teaming concepts to study various engineering technologies. This course satisfies the computer requirement needed for graduation. The courses offered in the Engineering program include Introduction to Engineering Design, Principles of Engineering, Computer Integrated Manufacturing, Engineering Design and Development, and Civil and Architectural Engineering.

**Principles of Engineering Honors**

This course helps students understand the field of engineering/engineering technology. Exploring various technology systems and manufacturing processes help students learn how engineers and technicians use math, science, and technology in an engineering problem solving process to benefit people. The course also includes concerns about social and political consequences of technological change.

**Computer Integrated Manufacturing Honors**

This course provides students with a foundation of knowledge and technically oriented experiences in the study of applications of technology and its effects upon our lives and the choosing of an occupation.

**Engineering Design and Development Honors**

This course helps students understand the field of engineering/engineering technology. Exploring various technology systems and manufacturing processes help students learn how engineers and technicians use math, science, and technology in an engineering problem solving process to benefit people. The course also includes concerns about social and political consequences of technological change.

**Civil Engineering and Architecture Honors**

This course provides an overview of the fields of Civil Engineering and Architecture, while emphasizing the interrelationship and dependence of both fields on each other. Students use state of the art software to solve real world problems and communicate solutions to hands-on projects and activities. This course covers topics such as the Roles of Civil Engineers and Architects, Project Planning, Site Planning, Building Design, and Project Documentation and Presentation.

**Early Childhood Ed 1**

This course offers the 10 and 20-hour competencies for the Department of Children and Families and general competencies for initial employment. Students will acquire competence in state rules and regulations; clean, safe and healthy learning environments; food service and nutrition education; child abuse and neglect; principles of child development; observation and recording; developmentally appropriate practices; including methods of guidance; professionalism; communication; leadership and organizational skills; community resources; career opportunities and observation and recording methods.

**Early Childhood Ed 2**

This course prepares students to become preschool teachers. Students will acquire competence in activities and development of infants, toddlers, preschoolers, school age children to age eight and special needs children.

**Early Childhood Ed 3 Honors**

This course teaches the management skills of becoming a preschool teacher. Students will acquire competence in the areas of child development theories; current trends and issues; legislation; heredity; classroom management; developmentally appropriate curriculum and environ-

ments; multiculturalism; and teacher resource files.

**Early Childhood Ed 4 Honors**

This course prepares students to be a child development specialist. Students will acquire competence in the areas of mentoring; workshop development; team building, advocacy; and brain research and professional development.

**Education Direct Study**

The purpose of this course is to provide students with the opportunity to gain practical, first-hand knowledge in broad occupational clusters or industry sectors through a structured internship experience. This internship is designed to give students an opportunity to integrate occupational and applied academic learning and to apply knowledge and skills learned in a classroom to actual work situations not generally available through paid employment.

**Health Science 1/ Anatomy and Physiology Honors**

This course includes scientific concepts relating to health care based on structure and function of body systems in relation to health and disease. Topics include anatomy and physiology, medical terminology, and Physiology.

**Health Science Foundations Honors**

This course includes common skills performed by health care workers in hospitals, nursing homes and other health care agencies. Classroom laboratory and off campus clinical experiences are correlated with theory.

**Allied Health Assisting 3 Honors**

This course provides the opportunity to explore the characteristics of workers in major health career clusters. Students will be preparing for an industry certification exam as a Certified Medical Administrative Assistant (CMAA). Also included are communication skills, legal and ethical practice, safe work practices, leadership and employability skills. Off campus clinical learning experiences are required.

**Electrocardiograph Technician 3 Honors**

The purpose of this course is to provide students with learning opportunities in a prescribed program of study within the Health Science cluster that will enhance opportunities for employment in the career field chosen by the stu-

dent. Content includes, but is not limited to, a foundation in the cardiovascular system, safety measures for the individual, co-workers and patients as well we training in the appropriate theories and instruments used by an Electrocardiograph Technician.

**JROTC Army: Leadership Education Training (L.E.T.)**

**Army: L.E.T. 1 Grades: 9-12**

Course includes an introduction to the NJROTC program including leadership, citizenship and the American government, wellness, fitness, first aid (including diet, exercise, and drug awareness) geography, orienteering, survival, map reading skills, and the United States Navy.

**Army: L.E.T. 2 Grades: 10-12**

Course includes ongoing instruction into Leadership and an introduction to maritime history including the American Revolution, Civil War, the rise of the U.S. to world power status, World Wars I and II, the Cold War era and the 1990s and beyond. Also includes an overview of maritime geography, oceanography, meteorology, astronomy, and physical sciences.

**Army: L.E.T. 3 Grades: 11-12**

Course includes instruction in sea power and National Security, naval operations and support functions, military law, and international law and the sea. Also provides an introduction to ship construction and damage control, shipboard organization and watch standing, basic seamanship, marine navigation, and naval weapons and aircraft. Includes ongoing instruction in leadership, citizenship, and discipline.

**Army: L.E.T. 4 Grade: 12**

Course focuses primarily on practical leadership techniques and implementation. The intent is to assist seniors in understanding leadership and improving their leadership skills by putting them in positions of leadership while under supervision and then helping them analyze the reasons for their varying degrees of success throughout the year. Classroom activities include seminars, reading assignments, classroom presentations, and practical work with

younger cadets. Seniors are mentored/guided in their preparation for life after high school to include college preparation, scholarship applications, and postsecondary options that are available to them.

## LANGUAGE ARTS

### **English I** **Grade: 9**

The purpose of this course is to provide English 1 students with challenges, using texts of high complexity, integrated language arts study in reading, writing, speaking, listening, and language for college and career preparation and readiness.

### **English I Honors/Gifted** **Grade: 9**

The purpose of this course is to provide grade 9 students with challenges, using texts of high complexity, advanced integrated language arts study in reading, writing, speaking, listening, and language for college and career preparation and readiness. Honors and Advanced Level Course Note: Academic rigor is more than simply assigning to students a greater quantity of work. Through the application, analysis, evaluation, and creation of complex ideas that are often abstract and multi-faceted, students are challenged to think and collaborate critically on the content they are learning.

### **Cambridge (AICE) English General Paper AS Level** **Grades 9, 11, 12**

This course fulfills a student's English I, III, or IV English requirement. It encourages students to develop a maturity of critical thought and argument, and a mastery of expression in the English language. Students use advanced writing strategies and techniques as they write about a broad range of topics including politics, economics, science technology, and the arts. Students will prepare for and must take the AICE English General Paper exam. GROUP 4

### **English 2**

The purpose of this course is to provide grade 10 students with challenges, using texts of high complexity, integrated language arts study in reading, writing, speaking, listening, and language for college and career preparation and readiness.

### **English 2 Honors/Gifted**

The purpose of this course

is to provide grade 10 students with challenges, using texts of high complexity, advanced integrated language arts study in reading, writing, speaking, listening, and language in preparation for college and career readiness.

Honors and Advanced Level Course Note: Academic rigor is more than simply assigning to students a greater quantity of work. Through the application, analysis, evaluation, and creation of complex ideas that are often abstract and multi-faceted, students are challenged to think and collaborate critically on the content they are learning.

### **English 3**

The purpose of this course is to provide grade 11 students with challenges, using texts of high complexity, integrated language arts study in reading, writing, speaking, listening, and language for college and career preparation and readiness.

### **English 3 Honors**

The purpose of this course is to provide grade 11 students with challenges, using texts of high complexity, advanced integrated language arts study in reading, writing, speaking, listening, and language in preparation for college and career readiness.

Honors and Advanced Level Course Note: Academic rigor is more than simply assigning to students a greater quantity of work. Through the application, analysis, evaluation, and creation of complex ideas that are often abstract and multi-faceted, students are challenged to think and collaborate critically on the content they are learning.

### **Advanced Placement (AP) English Language And Composition** **Grade 11**

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 requires a variety of writing that stimulates the use of different styles and tones. Students develop individual writing styles adaptable to needs in college and AP exam. Students are expected to take the Advanced Placement Examination offered by the College Board.

### **English 4**

The purpose of this course is to provide grade 12 students with challenges, using texts of high complexi-

ty, integrated language arts study in reading, writing, speaking, listening, and language for college and career preparation and readiness.

### **English 4: Florida College Prep**

This course incorporates reading and writing study through writing a variety of informative texts using grade-level writing craft and through the in-depth reading and analysis of informational selections in order to develop critical reading and writing skills necessary for success in college courses. This course prepares students for successful completion of Florida college English courses. The benchmarks reflect the Florida Postsecondary Readiness Competencies necessary for entry-level college courses and are also related to the College and Career Readiness (CCR) anchor standards, the exit standards of Florida's K-12 Standards.

### **English 4 Honors**

The purpose of this course is to provide grade 12 students with challenges, using texts of high complexity, advanced integrated language arts study in reading, writing, speaking, listening, and language for college and career preparation and readiness. Honors and Advanced Level Course Note: Academic rigor is more than simply assigning to students a greater quantity of work. Through the application, analysis, evaluation, and creation of complex ideas that are often abstract and multi-faceted, students are challenged to think and collaborate critically on the content they are learning.

### **Cambridge (AICE) English Language AS Level** **Grade 10**

Cambridge International AS English Language provides learners with the opportunity to study English language and its use in communication. Learners will be encouraged to respond critically to a wide variety of texts in a range of forms, styles and contexts, and to promote skills of communication, reading, research and analysis. Through their study, learners will develop an ability to read and analyze material, gaining further knowledge and understanding of English language features and issues. Learners will also develop the skills of writing clearly, accurately, creatively and effectively for different purposes and audiences. Students must take the English Language

exam. GROUP 2

### **Advanced Placement (AP) English Literature and Composition** **Grade 12**

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. Students develop critical standards for the appreciation 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.

### **ENC1101 Composition I/ ENC1102 Composition II** **SPECIAL NOTE: This is a college-level courses. Students will earn college credit upon the successful completion of this course.**

In this course, students will learn and practice writing by creating original compositions, exploring basic rhetorical forms such as narration, exposition, and argumentation. Students will develop research skills and learn to incorporate researched material through the writing process. This course is offered at Coral Glades (on campus) as Dual Enrollment through Broward College. Students who successfully complete both semesters will receive 6 college credits; 3 credits for 1101 in semester 1, and 3 credits for 1102 in semester 2.

### **Cambridge (AICE) Thinking Skills AS Level** **Grades 9-12**

Thinking Skills develops a set of transferable skills, including critical thinking, reasoning and problem solving, that students can apply across a wide range of subjects and complex real-world issues. The syllabus enables students to develop their ability to analyze unfamiliar problems, devise problem solving strategies, and evaluate the diverse ways a problem may be solved. During a Thinking Skills course, students learn to put their personal views aside in favor of examining and evaluating the evidence. Students learn how to make informed and reasoned decisions and construct evidence-based arguments. Students will prepare for and must take the AICE Thinking Skills

exam. GROUP 4

### **Advanced Placement (AP) Capstone Seminar**

The AP Seminar course focuses on student inquiry and critical thinking. The course will require students to examine different big ideas and themes through varying perspectives and from differing points of view. Students will be required to access and collect, judge and synthesize evidence from multiple conclusive evidence in order to share conclusions. Students will learn to question, understand, evaluate, synthesize and present conclusions through multiple means including written essays, multi-media, oral presentations in groups and individually. The research should lead to conclusions that may suggest and lead to further research and questioning of the topic studied. This class is required for students who wish to receive the AP Capstone Diploma.

### **Advanced Placement (AP) Capstone Research**

The AP Research course allows students to deeply explore an academic topic, problem or issue of individual interest. Through this exploration, students design, plan and conduct a year long research based investigation to address a research question. In the AP research course, students further their skills acquired in the AP Seminar course by understanding research methodology; employing ethical research practices; and accessing, analyzing, and synthesizing information as they address a research question. Students explore their skill development, document their processes, and curate the artifacts of the development of their scholarly work in a portfolio. The course culminates in an academic paper of approximately 4000-5000 words (accompanied by a performance or exhibition of product where applicable) and a presentation with an oral defense.

### **Journalism 1** **Grades 9-12**

**SPECIAL NOTE: This course is a co-curricular program which requires work beyond the regular school day. Students are required to sell advertisements for the publication. Extensive use of the computer is required in this course. Elective credit in English. Meets graduation requirement for fine arts and computers.**

Journalism I is a survey

of the basic concepts of reporting and non-fiction writing. This introductory course focuses on the study of the principles related to newspaper and yearbook production, which includes copywriting, layout design, photography and advertising/merchandising. Students will encounter various article formats and work towards developing their voice using various writing styles. They will uncover the history of journalism and speculate on the direction that this noble profession will take in the future. This course is meant to prepare students to be on the staff of Newspaper or Yearbook.

**Journalism Newspaper/Yearbook Honors 2-5**  
**PREREQUISITE: A grade of "C" or higher in Journalism I or equivalent & instructor approval.**  
**SPECIAL NOTE: This course is a co-curricular program which requires work beyond the regular school day. Students are required to sell advertisements for the publication. Extensive use of the computer is required in this course. Elective credit in English. Meets graduation requirement for fine arts and computers.**

Students who completed Journalism I will continue to learn teamwork, responsibility, brainstorming, content, coverage, reporting, copywriting, headlines, captions and other facets of journalistic work. Students will work within deadlines to produce a creative innovative yearbook or newspaper.

### **Intensive Reading**

This course provides struggling readers with opportunities to develop reading skills. It is intended for students with a 4th grade to 6th grade instructional reading level. Students are assessed so that the content specifically focuses on those reading benchmarks for which students need extra support and practice. Emphasis is placed on mastery of decoding skills, comprehension skills and fluency skills. Students will follow a structured reading program as laid out in the Edge program and have extra interaction and assistance from school Reading Coach. These students will be prepared to be successful in all content area reading courses, with a special focus on vocabulary, comprehension, and analysis of high level informational text.

### **Debate Honors Grades 9-12**

This is a course in Public Speaking. The student will learn the elements of public speaking, verbal and non-verbal communication, communication techniques, using visual aids in speech, plus more. The student will also work on their public speaking skills by performing 7-10 speeches throughout the year. The student will select, develop, and research a topic to present to class using effective speech techniques. In Honors Debate, students are expected to compete in county tournaments.

### **Creative Writing 1 and 2**

The purpose of this course is to enable students to develop and use 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.

### **Creative Writing 3 and 4 Honors**

The purpose of this course is to enable students to develop and use writing and language skills for advanced creative expression in a variety of literary forms. Emphasis will be on development of a personal writing style. Students will learn the technical aspects of entering contests and publishing work in a literary magazine in addition to the technical aspects of entering and performing in a public reading.

### **Literature in the Media Honors**

The purpose of this course is to enable students to develop knowledge of the narrative parallels between traditional (print) literary texts and 21st century (multimedia in all its digital platforms) texts. Through integrated educational experiences of extensive viewing and reading, writing, speaking, listening, and language, students will study a variety of digital platforms, film, and television, including the use of graphics in these formats.

### **Film 1**

Students explore the fundamental concepts, terminology, techniques, and applications of digital imaging to create original work. The instructional focus will be on film. Students produce digital animated images through the single or combined use of computers, digital cameras, digital video cameras, scanners, photo editing software, drawing

and painting software, graphic tablets, printers, new media, and emerging technologies. Through the critique process, students evaluate and respond to their own work and that of their peers to measure artistic growth. This course incorporates hands-on activities, the use of technology, and consumption of art materials.

### **Cambridge (AICE) Media Studies**

Cambridge International AS Level Media Studies offers learners the chance to develop an understanding and appreciation of the place of media in our everyday lives. The syllabus enables learners to take a hands-on approach to the subject. Through the coursework components - the Foundation Portfolio for AS Level students create their own media products from planning through to execution. Learners also consider and analyze examples from existing media, examining production processes and technologies and the effects they achieve. In addition to creating a media product, students will prepare for and must take the AICE Media Studies exam. GROUP 3

### **Cambridge (AICE) Global Perspectives AS Level Grades 10-12**

Cambridge International AS Level Global Perspectives and Research prepares learners for positive engagement with our rapidly changing world. Learners develop research, thinking, reasoning and communication skills by following an approach to analyzing and evaluating arguments and perspectives. Collaborative skills are enhanced through participation in a team project. In addition, students will create a video and write a research paper based on a global issue. Students will also prepare for and must take the AICE Global Perspectives exam. COMPULSORY

## **MODERN WORLD LANGUAGES (MWL):**

### **American Sign Language (ASL) 1**

American Sign Language 1 introduces students to the target language and its culture. The student will develop communicative skills in all 3 modes of communication and cross-cultural understand-

ing. Emphasis is placed on proficient communication in the language with introductions to culture, connections, comparisons, and communities.

### **Spanish 1 French 1 Chinese 1**

Modern World Language 1 introduces students to the target language and its culture. In this course, students are introduced to the five C's of world language learning: communication, culture, connections, comparisons and communities. Students will develop communicative skills in all three modes of communication and cross-cultural understanding. Students will learn the fundamental structures of the language by engaging in brief conversations, directed dialogues, and a variety of oral activities. In addition, short reading passages, aural comprehension, grammar study, and writing activities are integral components of the program. A variety of media, including technology, will serve as useful, creative and motivating tools to build language proficiency and 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.

### **Spanish 2 French 2**

Modern World Language 2 reinforces the fundamental skills acquired by the students in Modern World Language 1. The course develops increased listening, speaking, reading, grammar, and writing skills as well as cultural awareness. Specific content to be covered includes a continuation of listening and oral skills acquired in Modern World Language 1. Reading and writing receive more emphasis, while oral communication remains a primary objective. The cultural survey of the target language-speaking people is continued. A variety of media, including technology, will continue to serve as useful, creative and motivating tools to build language proficiency and cultural understanding.

### **Spanish 3 Honors French 3 Honors**

Modern World Language 3 provides mastery and expansion of skills acquired by the students in Modern World Language 2. Students will continue to increase their vocabu-

lary, learn new grammatical concepts, and develop a deeper understanding of Hispanic cultures and communities. Specific content includes, but is not limited to, expansion of vocabulary and conversational skills through discussions of selected readings. Contemporary vocabulary stresses activities that are important to the everyday life of the target language-speaking people. Students will practice and further develop speaking skills through class discussions, partner and group speaking activities and presentations. A variety of media, including technology and movies and videos in the target language, will continue to serve as useful, creative and motivating tools to build language proficiency and cultural understanding.

### **Spanish 4 Honors French 4 Honors**

Modern World Language 4 reviews, refines and expands the skills acquired by the students in Modern World Language 3. Specific content includes, but is not limited to, more advanced language structures and idiomatic expressions, with emphasis on conversational and presentational skills highlighted through group and individual projects. There is additional growth in vocabulary for practical purposes, including writing. Reading selections are varied and taken from target language newspapers, magazines, and literary works. A variety of media, including technology and movies and videos in the target language, will continue to serve as useful, creative and motivating tools to build language proficiency and cultural understanding.

### **Spanish for Spanish Speakers 1 - 3**

The purpose of these courses is to enable students whose heritage language is Spanish to develop, maintain, and enhance proficiency in their heritage language by reinforcing and acquiring skills in listening, speaking, reading, and writing, including the fundamentals of Spanish grammar. Language Arts Standards are also included in this course to enable students to become literate in the Spanish language and gain a better understanding of the nature of their own language as well as other languages to be acquired. The course content will reflect the cultural values of Spanish language and societies.

## **Advanced Placement (AP) Spanish Language and Culture**

The AP Spanish Language and Culture course takes a holistic approach to language proficiency and recognizes the complex interrelatedness of comprehension and comprehensibility, vocabulary usage, language control, communication strategies, and cultural awareness. Students should learn language structures in context and use them to convey meaning. In standards-based world language classrooms, the instructional focus is on function and not the examination of irregularity and complex grammatical paradigms about the target language. The AP Spanish Language and Culture course strives to promote both fluency and accuracy in language use and not to overemphasize grammatical accuracy at the expense of communication. In order to best facilitate the study of language and culture, the course is taught in the target language.

## **Advanced Placement (AP) Spanish Literature and Culture**

The AP Spanish Literature and Culture course is designed to provide students with a learning experience equivalent to that of an introductory college course in literature written in Spanish. The course introduces students to the formal study of a representative body of texts from Peninsular Spanish, Latin American, and U.S. Hispanic literature. The course aims to help students progress beyond reading comprehension to read with critical, historical and literary sensitivity.

## **Cambridge (AICE) Spanish Grades 10-12**

The AS Level Spanish syllabus enables learners to achieve greater fluency, accuracy and confidence in the language as it is spoken and written and improve their communication skills. They will learn how to improve their use of Spanish in a variety of situations, understanding how to read texts and other source materials, extract information, initiate conversations and respond to questions both orally and in writing. Students will prepare for and must take the AICE Spanish Language exam. GROUP 2

# MATHEMATICS

## **Algebra 1**

The fundamental purpose of this course is to formalize and extend the mathematics that students learned in the middle grades. The critical areas, called units, deepen and extend understanding of linear and exponential relationships by contrasting them with each other and by applying linear models to data that exhibit a linear trend, and students engage in methods for analyzing, solving, and using quadratic functions. The units are Relationships between Quantities and Reasoning with Equations, Linear and Exponential Relationships, Descriptive Statistics, Expressions and Equations, and Quadratic Functions and Modeling. The Standards for Mathematical Practice apply throughout each course, and, together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations.

## **Algebra 1 Honors**

Algebra 1 Honors is a rigorous course designed to develop the algebraic concepts and processes that can be used to solve a variety of real-world and mathematical problems. The content shall include, but not be limited to, structure and properties of the real number system, including rational and irrational numbers, exponents, square roots, radicals, absolute value, and scientific notation, varied means for analyzing and expressing patterns, relations, and functions including tables, sequences, graphing, and algebraic equations, variables, algebraic expressions, polynomials, and operations with polynomials, coordinate geometry and graphing of equations and inequalities, data analysis concepts and techniques including introductory statistics and probability, and varied solutions strategies for inequalities, linear and quadratic equations, and for systems of equations.

## **Geometry**

Geometry is a course designed to develop the geometric relationships and deductive strategies that can be used to solve a variety of real world and mathematics problems. The content will include, but not be limited to, geometric constructions, terminology and fundamental proper-

ties of geometry, deductive and inductive reasoning and their application to formal and informal proofs, formulas pertaining to the measurement of plane and solid figures, coordinate geometry and transformations on the coordinate plane, exploration of geometric relationships such as parallelism, perpendicularity, congruence, and similarity, properties of circles, and right triangle trigonometry.

## **Geometry Honors**

Geometry Honors is a rigorous course designed to develop the geometric relationships and deductive strategies that can be used to solve a variety of real world and mathematics problems. The content will include, but not be limited to, geometric constructions, terminology and fundamental properties of geometry, deductive and inductive reasoning and their application to formal and informal proofs, formulas pertaining to the measurement of plane and solid figures, coordinate geometry and transformations on the coordinate plane, exploration of geometric relationships such as parallelism, perpendicularity, congruence, and similarity, properties of circles, and right triangle trigonometry.

## **Liberal Arts Mathematics**

Liberal Arts Mathematics is a course designed to strengthen the mathematical skills required for college entrance exams and for further study of advanced mathematics. Topics shall include, but not be limited to, operations with real numbers, ratio and proportion, percents, the algebra of sets, integers, polynomials, factoring, algebraic expressions, equations and inequalities, quadratic equations, and the geometry of angles, lines, polygons, similarity and congruence.

## **Financial Algebra**

This course combines algebraic and graphical approaches with practical business and personal finance applications. Students explore algebraic thinking patterns and functions in a financial context. Students are actively involved in applying mathematical ideas to their everyday lives.

## **Algebra 2**

Algebra 2 is a course designed to continue the study of the structure of algebra and to provide the foundation for applying

these skills to other mathematical and scientific fields. Topics shall include but not be limited to, structure and properties of the complex number system, arithmetic and geometric sequences and series, relations, functions and graphs extended to polynomial, exponential, and logarithmic functions, varied solution strategies for linear equations, inequalities and systems of equations and inequalities, varied solution strategies including the quadratic formula for quadratic equations, conic sections and their applications, data analysis including measures of central tendency and dispersion, and probability, permutations and combinations.

## **Algebra II Honors**

Algebra 2 Honors is a rigorous course designed to continue the study of the structure of algebra and to provide the foundation for applying these skills to other mathematical and scientific fields. Topics shall include, but not be limited to, structure and properties of the complex number system, arithmetic and geometric sequences and series, relations, functions, and graphs extended to polynomial, exponential, and logarithmic functions, varied solution strategies for linear equations, inequalities, and systems of equations and inequalities, varied solution strategies, including the quadratic formula for quadratic equations, conic sections and their applications, data analysis including measures of central tendency and dispersion, and probability, permutations, and combinations.

## **Analysis of Functions Honors / Trigonometry**

The purpose of this course is to enable students to develop advanced mathematics knowledge and skills in algebra, trigonometry, and statistics and probability, using functions as a unifying theme.

## **Pre-Calculus Honors**

The purpose of this course is to emphasize the study of functions and other skills necessary for the study of calculus. Topics shall include, but not be limited to, polynomial, rational, exponential, inverse, logarithmic, and circular functions; sequences; series; theory of limits; vectors; conic sections; polar coordinates; symbolic logic; mathematical induction; and matrix algebra.

## **Math for College Readiness Grade 12**

This course is a secondary/postsecondary readiness mathematics course for 12th grade students. This course is designed for students comfortable performing arithmetic without a calculator and solving linear equations. This course will broaden students' algebra skills to include solving linear inequalities, polynomial factoring, solving quadratic equations, laws of exponents, rational and radical expressions, and graphing of lines. Problem solving involving real-life scenarios is an integral part of this course. This course will teach students to understand and communicate concepts of algebra in the language of mathematics, both orally and written. This course enhances students' problem-solving skills, and helps prepare the student for college-level mathematics and mathematics-based courses.

## **Advanced Placement (AP) Probability and Statistics**

Probability and Statistics is designed to explore the concepts of probability, elementary statistics, and hypothesis testing. Topics shall include, but not be limited to random experiments, probability concepts, permutations, combinations, sample space, binomial distribution, concepts of descriptive statistics, measures of central tendency, measures of variability, normal distribution, correlation and regression, hypothesis testing using the normal distribution, the distributions, the chi-squared distributions, the F-distributions, and applications of various non-parametric statistical tests. Students will prepare for and must take the AP statistics exam.

## **Calculus Honors**

This course is designed to provide a foundation for the study of advanced mathematics. Topics shall include, but not be limited to, elementary functions, hyperbolic functions, limits and continuity, derivatives, differentiation including partial differentiation, applications of the derivatives, anti derivatives, definite integrals, indeterminate forms, and applications of the integral.

## **Advanced Placement (AP) Calculus AB**

AP Calculus AB is a course designed to offer students college level mathematics under the guidelines of the Advanced Placement Program. Topics shall include, but not be limited

to, elementary functions, hyperbolic functions, limits and continuity, derivatives, differentiation including partial differentiation, applications of the derivative, anti-derivatives, definite integrals, indeterminate forms, and applications of the integral. The student enrolled in this course will prepare for and must take the AP Calculus AB exam.

### **Advanced Placement (AP) Calculus BC**

Advanced Placement Calculus BC is a course designed to offer students college level mathematics under the guidance of the Advanced Placement Program. Topics shall include, but not be limited to, elementary functions, hyperbolic functions, limits and continuity, derivatives, differentiation including partial differentiation, applications of the derivative, anti-derivatives, definite integrals, indeterminate forms, applications of the integral, sequences of real numbers, convergence, and elementary differential equations. The student enrolled in this course must take the AP Calculus BC exam.

## **PHYSICAL EDUCATION & HEALTH**

### **Personal Fitness**

The purpose of this course is to provide students with the knowledge, skills, and values that they need to become healthy and physically active for a lifetime.

### **Team Sports**

The purpose of this course is to develop the physical skills necessary to be competent in many forms of movement and to play a variety of team sports. Students will gain knowledge of team sports concepts such as offensive and defensive strategies and tactics, and appropriate social behaviors within a team or group setting. The integration of fitness concepts throughout the content is critical to the success of this course.

### **Weight Training**

Weight Training courses offered provide students a safe and clean environment in which to workout with trained staff to ensure their well being. While working out on their physical bodies, the students will engage in multiple classroom activities to increase their knowledge of the anatomy and physiology of the human body concentrating on the muscles and joints.

Weight Training III offers honors credit and includes two additional in-depth fitness projects and daily fitness records/journals.

### **Basketball 1-3**

Basketball 1 provides students with opportunities to acquire knowledge and skills in basketball that may be used in recreational pursuits today as well as in later life and maintain their personal fitness. The content includes in-depth knowledge and application of skills, techniques, strategies of team play, rules, and safety practices necessary to participate in basketball, and knowledge of the organization and administration of basketball activities. Basketball 2-3 will extend the knowledge of basketball activities and further develop safety practices.

### **Soccer 1-3**

Soccer 1 provides students with opportunities to acquire knowledge and skills in soccer that may be used in recreational pursuits today as well as in later life and/or improve their personal fitness. The contents include in-depth knowledge and application of skills, techniques, strategies of team play, rules, and safety practices necessary to participate in soccer, and knowledge of the organization and administration of soccer activities. Soccer 2-3 will extend the knowledge of soccer and further develop skills.

### **Dance Techniques 1**

Students in this entry-level course learn foundational skills including ballet, jazz, contemporary, and hip-hop. Their development of fundamental dance technique is enriched and enlivened through study of works by a variety of diverse artists, developing genre-specific movement vocabulary and dance terminology, and building knowledge and skills related to somatic practices, dance composition, analysis of effort and outcomes, dance history and culture, collaborative work, and rehearsal and performance protocols.

### **Dance Techniques 2**

Students in Dance Techniques 2, a year-long course, build on previously acquired knowledge and fundamental technical skills in two or more dance forms, focusing on developing the aesthetic quality of movement in the ensemble as well as an individual.

### **Dance Choreography/Performance 1**

Students explore key con-

cepts of dance making with a focus on improvisation, composition, and choreographic processes and principles. Students study the works and creative techniques of highly respected choreographers in varied performance genres. They also examine the social, political, and cultural forces that influenced significant or exemplary works, and consider the innovations that came out of them. Public performances may serve as a culmination of specific instructional goals. Students may be required to attend and/or participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom. Students in this class may need to obtain (e.g., borrow, purchase) appropriate footwear and/or dance attire from an outside source.

## **SCIENCE**

### **Environmental Science**

This class will provide opportunities for students to study the concepts, theories, and laws governing the interactions of matter, energy, and forces and their application to the environment such as earth/space, pollution, conservation of natural resources, and environmental management.

### **Environmental Science Honors**

This course is designed as an interdisciplinary course to provide students with scientific principles, concepts, and methodologies required to identify and analyze environmental problems and to evaluate risks and alternative solutions for resolving and/or preventing them. 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.

### **Advanced Placement (AP) Environmental Science**

This class will provide students with a college level course in environmental science. Topics included are earth systems and resources, the living world, population, land and water use, energy resources, pollution and global change. Laboratory activities will include the use of scientific method, measurement and data analysis. Students must take the AP Environmental Science Exam.

### **Earth Space Science**

The Earth Space Science course will provide students with the knowledge to describe two cultures that contributed to modern scientific study, describe the four main branches of Earth Science, and discuss how Earth scientist help us understand the world around us. This course will explore topics including; earth systems, earth in space and time, meteorology, physical oceanography, geology, and ecology. Project-Based learning is an essential component of this course to examine the formation of the earth and the universe.

### **Earth Space Science Honors**

Earth and Space Science is a study of the processes that shape the Earth and the Universe. This course will explore the main branches of earth science including; geology, oceanography, meteorology, and astronomy. These topics will be examined through the lens of chemical processes with focus on algebraic application. The course will emphasize laboratory techniques, measurement skills and enable students to practice critical thinking skills through a variety of earth, space, and material science inquiry-based applications. The students will also incorporate technological components to sustain advancement through their Honor/AP science classes.

### **Biology**

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.

### **Biology Honors**

While the content focus of this course is consistent with the Biology I course, students will explore these concepts in greater depth. In general, the academic pace and rigor will be greatly increased for honors level course work. 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.

### **Advanced Placement (AP) Biology**

This class will provide students with a college level course in biology and will prepare the student

to seek credit or placement in college biology courses. Topics included are molecular and cellular biology, organismal biology, and population biology. Laboratory activities will include the use of the scientific method, measurements, laboratory apparatus usage and safety. Students will prepare for and must take the AP Biology exam.

### **Chemistry 1**

This class will provide students with the opportunity to study the composition, properties, and changes associated with matter. Topics included are Classification and structure of matter, atomic theory, the periodic table, bonding, chemical formulas, chemical reactions, and balanced equations, behavior of gases, physical changes, acids, bases, and salts. Laboratory activities will include the use of the scientific method, measurements, laboratory apparatus usage and safety.

### **Chemistry 1 Honors**

This class will provide students with the opportunity to study the composition, properties, and changes associated with matter. Topics included are heat, changes of matter, atomic structure, the periodic table, bonding, formulas, equations, mole concept, gas laws, reactions, solutions, equilibrium solutions, and oxidation reduction reactions. Laboratory activities will include the use of the scientific method, measurements, laboratory apparatus usage and safety.

### **Chemistry 2 Honors**

This course includes; developing and using models; planning and carrying out investigations; analyzing and interpreting data, using mathematics, information and computer technology, and computational thinking; constructing explanations (for science) and designing solutions (for engineering); engaging in argument from evidence; and obtaining, evaluating, and communicating information.

### **Advanced Placement (AP) Chemistry**

This class will provide students with a college level course in Chemistry and will prepare the student to seek credit or placement in college Chemistry courses. Topics included are structure of matter, chemical reactions, and descriptive chemistry. Laboratory activities will include the use of the scientific method, measurements, laboratory apparatus usage and safe-



ty. Students will prepare for and must take the AP Chemistry exam.

### **Marine Science**

This course provides an overview of the unique characteristics of the marine environment by exploring the physical and biological characteristics of seawater. Topics will include but not limited to the ocean's present and potential resources, marine biology interactions with technology and society, the interrelationships between organisms and the ocean environment, changes in ecosystems and large-scale environmental impacts resulting from human activity. 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.

### **Marine Science Honors**

This class will provide students with an advanced overview of the unique characteristics of the marine environment exploring the physical and biological characteristics of seawater. Some topics included are ocean's present and potential resources, marine biology interactions with technology and society, and interrelationships between man and the ocean environment. Laboratory activities will include the use of the scientific method, measurements, laboratory apparatus use and safety.

### **Cambridge (AICE) Marine Science**

#### **Grades 10-12**

This class will provide students with a comprehensive and advanced overview of the unique characteristics of the marine environment exploring the physical and biological characteristics of seawater. Laboratory activities will include the use of the scientific method, measurements, laboratory apparatus usage and safety. Students will prepare for and must take the AICE Marine Science exam. GROUP 1

### **Anatomy and Physiology**

This course will provide students with a foundation in the structure and functions of the components of the human body. Topics include anatomical terminology, cells and tissues, systems of the body, disease and inheritance. Laboratory activities will provide insight into the scientific method, mea-

surements, and apparatus usage.

### **Anatomy and Physiology Honors**

This class will provide students with advanced exploratory activities in the structure and functions of the components of the human body. Some topics included are anatomical terminology, cells and tissues, systems of the body, disease and inheritance. Laboratory activities will include the use of the scientific method, measurements, laboratory apparatus usage and safety.

### **Astronomy Honors**

Astronomy is a science that thrives on new discoveries, as the study of the Cosmos continues to change our understanding of the Universe. In this course knowledge will be fueled by new technologies, theoretical insights, representative facts, evolving ideas through frontier discoveries to explore topics including; available technology to study the universe, our planetary system, stars and stellar evolution, galaxies and cosmology. Project-Based learning is an essential component of this course to examine the evolution of astronomy across centuries, solar system, and the life of a star.

### **Physics Honors**

This class will provide students with an in-depth study of the theories and laws governing the interaction of matter, energy and the forces of nature. Some topics included are kinematics, dynamics, energy, work and power, heat, thermodynamics, wave characteristics, light, electricity, magnetism, and nuclear physics. Laboratory activities will include: the use of the scientific method, measurements, laboratory apparatus usage and safety.

### **Advanced Placement (AP) Physics 1**

AP Physics 1 is an algebra-based, introductory college-level physics course that explores topics such as Newtonian mechanics (including rotational motion); work, energy, and power; mechanical waves and sound; and introductory, simple circuits. Through inquiry based learning. Students will develop scientific critical thinking and reasoning skills.

### **Advanced Placement (AP) Physics 2**

AP Physics 2 is an algebra-based, introductory

college-level physics course that explores topics such as fluid statics and dynamics; thermodynamics with kinetic theory; PV diagrams and probability; electrostatics; electrical circuits with capacitors; magnetic fields; electromagnetism; physical and geometric optics; and quantum, atomic, and nuclear physics. Through inquiry-based learning, students will develop scientific critical thinking and reasoning skills.

### **Advanced Placement (AP) Physics C**

Advanced Placement Physics C is made up of two courses — Physics C: Mechanics and Physics C: Electricity and Magnetism, each corresponding to approximately a semester of college work. Physics C: Mechanics should provide instruction in each of the following six content areas: kinematics; Newton's laws of motion; work, energy and power; systems of particles and linear momentum; circular motion and rotation; and oscillations and gravitation. Physics C: Electricity and Magnetism should provide instruction in each of the following five content areas: electrostatics; conductors, capacitors and dielectrics; electric circuits; magnetic fields; and electromagnetism.

### **Forensic Science Honors**

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.

### **Experimental Science Honors/Drone Technology**

This course will provide students a unique opportunity to operate and be inspired by Unmanned Aircraft Systems (UAS) more commonly known as drones. Over the course, students will explore the ins and outs of operating drones, role of drones to benefit careers, and society. Topics will include, but not limited to: Relevant Laws and Regulations for drone operation, Current Applications of the Technology, Flight Mechanics, Piloting Skills, Mission Planning, Photogrammetry and Image Processing (Aerial Photography), Coding for Autonomous Operation, Submersible Drones (Sea Perch), Gliders, Drone Prototype Design/Build, and Project-Based Inquiry. Laboratory activities, which include the use

of the scientific inquiry, research, problem solving, laboratory apparatus and technologies, experimental procedures and safety procedures are an integral part of this course.

## SOCIAL STUDIES

### **World Geography/World Geography Honors**

Through World Geography and World Geography Honors students acquire understanding of the interrelationships between people and their natural and cultural environments and between nations and people in a geo-political context. Appropriate concepts and skills will be developed through study of physical geography, natural resources, and contemporary problems and conflicts stressing the economic, political, social, cultural, religious and historic aspects of human activity in and among selected world regions.

### **Advanced Placement Human Geography (AP) Grades 9-12**

Know Your World! Rapid advances in modern technology have ushered in a new era of heightened global awareness, interconnectedness, and competitiveness. Those who understand their World will best be prepared for success within it. Did you know that cows in Argentina, trees in Indonesia, earthquakes in Japan, factory workers in China, protestors in Egypt, and athletes at the London Olympics affect the price you pay for shoes in America? Students will prepare for and must take the AP Human Geography exam.

### **World History Grade: 10**

World History consists of the following content area strands: World History, Geography and Humanities. This course is a continued in-depth study of the history of civilizations and societies from the middle school course, and includes the history of civilizations and societies of North and South America. Students will be exposed to historical periods leading to the beginning of the 21st Century. So that students can clearly see the relationship between cause and effect in historical events, students should have the opportunity to review those fundamental ideas and events from ancient and classical civilizations.

### **World History Honors**

World History Honors will provide students the opportunity to acquire a comprehensive understanding of the past in terms of what has been interpreted 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.

### **Advanced Placement (AP) World History: Modern**

In AP World History: Modern, students investigate significant events, individuals, developments, and processes from 1200 to the present. Students develop and use the same skills, practices, and methods employed by historians: analyzing primary and secondary sources; developing historical arguments; making historical connections; and utilizing reasoning about comparison, causation, and continuity and change over time. The course provides six themes that students explore throughout the course in order to make connections among historical developments in different times and places: humans and the environment, cultural developments and interactions, governance, economic systems, social interactions and organization, and technology and innovation.

### **Advanced Placement European History (AP)**

The study of European history since 1450 introduces students to cultural, economic, political, and social developments that played a fundamental role in developing the world in which they live. Without this knowledge, we would lack the context for understanding the development of contemporary institutions, the role of continuity and change in present-day society and politics, and the evolution of current forms of artistic expressions and intellectual discourse. In addition to providing a basic narrative of events and movements, the goals of the AP program in European History are to develop (a) an understanding of some of the principle themes in modern European history, (b) an ability to analyze historical evidence and historical interpretation, and (c) an ability to express historical understanding in writing. This course will provide

students with the analytic skills and factual knowledge necessary to deal critically with the topics and materials in European history.

**Cambridge (AICE) International History**

This course covers the historical knowledge and the skills required for historical research in European history. Students develop an understanding of cause and effect, continuity and change, similarity and difference, and use historical evidence as part of their studies. This course also satisfies your World history credit for graduation. Students will write thoughtful, content-based essays covering European history and prepare for and take the AICE International History exam.

**U.S. History**

This course begins with the Pre-Civil War years. Students will analyze the events that led to the Civil War and what happened during the period of reconstruction, the great migration at the turn of the 20th century, the impact of manufacturing, the Industrial Revolution, the creation of unions, the rise of the women's and civil rights movements, World War I, the Roaring Twenties, the Great Depression, the New Deal, World War II, the Cold War and more.

**U.S. History Honors Grade: 11**

This course covers the same material as US History, but it also focuses on Cambridge and Advanced Placement writing and reading skills. This course will satisfy the 11th Grade US History graduation requirement, and it will give you an honors credit, as well.

**Advanced Placement (AP) U.S. History Grade: 11**

AP U.S. History is a two-semester survey course of U.S. History from the Age of Exploration and Discovery to the Present. Solid reading and writing skills are a positive. This exciting course truly examines this nation's history and culture through primary resources, technology, video and more. Emphasis is placed on critical and evaluative thinking skills, essay writing, interpretation of primary sources and original documents, and historiography. Students will prepare for and take the AP U.S. History exam

**U.S. Government/Economics Grade: 12**

This required course cuts through the static of the textbook to help you understand the complexities of US Government. Students will learn about legal and Constitutional civil rights and liberties in an exciting way, but will also explore the roles of political parties, elections and interest groups. This course also focuses on the roles of women, cultural groups and the courts in our everyday existence. Economics will provide students with an understanding of the complexities of our diverse and dynamic economic system.

**U.S. Government/Economics Honors Grade: 12**

This course covers the same material as US Government/Economics, but it also focuses on Cambridge and Advanced Placement writing and reading skills. This course will satisfy the 12th Grade US Government/Economics graduation requirement, and it will give you an honors credit as well.

**Advanced Placement (AP) U.S. Government and Politics**

Advanced Placement U.S. Government 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 ideologies from a perspective and the role and function of the federal government in conjunction with the citizens it serves.

**Advanced Placement (AP) Comparative U.S. Government and Politics Grade: 12**

This course introduces students to the rich diversity of political life outside the United States. The course uses a comparative approach to examine the political structures, policies, and political, economic and social challenges between Great Britain, Mexico, Russia, Iran, China, and Nigeria. Additionally, students examine how different governments solve similar problems by comparing the effectiveness of approaches to many global issues.

## SOCIAL STUDIES AND LAW ELECTIVES

**Comprehensive Law Honors**

In this course you will discover the historic evolution of law, as well as the reasons for how and why the American legal system operates as it does. "You Be the Justice," socratic forum, mock trials, and case studies are just a few of the activities used to explore such topics as Exercising Individual Rights & Freedoms, Adult & Juvenile Justice, Consumer Protections, and Family Law Practices.

**Court Procedures**

This course prepares students to learn about pre-trial and trial techniques from how to do an opening statement to the Federal Rules of Evidence to closing arguments and everything in between. Experience the law like you have never thought possible. There are no pre-requisites except an excitement to learn.

**Constitutional Law Honors**

**Grades: 9 - 10**  
Students will examine the individual rights and responsibilities in the United States. This interactive course brings the world of the Bill of Rights alive through case studies, discussions, computers, and so much more. There are no pre-requisites to this course. Come and see why the U.S. Constitution is one of the most amazing documents in U.S. History, and how it has influenced the world.

**Law Studies**

This course will study the American legal system as the foundation of American society by examining those laws which have an impact on citizens' lives and an introduction to fundamental civil and criminal justice procedures. Topics may include the need for law, the basis of our legal system, civil and criminal law, adult and juvenile courts, family and consumer law, causes and consequences of crime, individual rights and responsibilities, and career opportunities in the legal system.

**Legal Systems and Concepts**

This course will cover 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 course may also cover 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.

**Psychology 1 and 2**

Through the study of psychology, students acquire an understanding of and an appreciation for human behavior, behavior interaction and the progressive development of individuals. This will better prepare them to understand their own behavior and the behavior of others. The Common Core State Standards for Literacy in History/Social Studies are included in this course. The content should include, but is not limited to, the following: major theories and orientations of psychology: psychological methodology, memory and cognition, human growth and development, personality, abnormal behavior, psychological therapies, stress/coping strategies, mental health.

**Advanced Placement (AP) Psychology**

AP Psychology students develop their appreciation of the subject by exploring the many ways in which psychology is used. As part of their studies, students review important research, providing an insight into the ways in which psychology has been applied, and thereby leading to a better understanding of key themes and issues. Students will prepare for and must take the AP Psychology exam.

**Cambridge (AICE) Psychology**

**Grades 10-12**  
Cambridge International AS Level Psychology learners develop their appreciation of the subject by exploring the ways in which psychology is conducted. As part of their studies, learners also review important research; this provides an insight into the ways in which psychology has been applied, thereby leading to a better understanding of key approaches, research methods and issues and debates. The syllabus reflects four core areas of psychology, namely biological, cognitive, learning and social; it also relates psychology to abnormality, consumer

behavior, health and organizations. Students will prepare for and must take the AICE Psychology exam. GROUP 1 OR 3

**Sociology Honors**

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 behavior patterns of others. In an increasingly interdependent world, students need to recognize how group behavior affects both the individual and society.

**Anthropology Honors**

This course will study 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.

**Philosophy Honors**

Philosophy Honors 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 definition and historical application of philosophy. Content should include, but is not limited to, the study of classical and modern philosophies, the fundamental principles of philosophical thought, such as semantics, logic, inductive and deductive reasoning, and major figures of social, political and religious philosophies.

**Contemporary History Honors**

This 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 development of the contemporary world within the context of history in order to analyze current events. Students use knowledge pertaining to history, geography, economics, political processes, religion, ethics, diverse cultures and humanities

to solve problems in academic, civic, social and employment settings. Content should include, but is not limited to, world events and trends in the 20th and 21st centuries with emphasis on the past two decades, historical antecedents of contemporary political, social, economic and religious issues, impact of religious thought on contemporary world issues, interaction among science, technology and society, influence of significant historical and contemporary, figures and events on the present, and projection of current trends and movements

### **Ethics Honors**

The learner will explore, understand, and apply the important ethical theories in philosophy to present day issues, and will focus on the ethical theories of the great thinkers, from the ancient era through the modern era, with the purpose of providing the students with the tools necessary to analyze, critique and evaluate current issues and to formulate a personal value system with which to evaluate any present day issue. Special emphasis will be on character education.

**Holocaust History Honors** This course will examine the events of the Holocaust (1933-1945), the systemic, planned annihilation of the European Jews and other groups by Nazi Germany. Content will include, but is not limited to, the examination of twentieth century programs and of twentieth century and twenty-first century genocides, investigation of human behavior during this period, and an understanding of the ramifications of prejudice, racism, and stereotyping.

### **African History Honors**

This course pertains to the study of the chronological development of Africa by examining political, economic, social, religious, military and cultural events that affected the continent. Students will be exposed to historical, geographic, political, economic and sociological events, which influenced the progression of the continent including but not limited to civilizations and empires, religious traditions and cultures, colonialism, independence movements, nationalism, historical figures and contemporary African affairs.

### **Women's Studies Honors**

This course emphasizes the study of the historical

development of women in various cultures, the role of women in shaping history, and of contemporary issues that impact the lives of women.

### **Multicultural Studies Honors**

The primary content emphasis for this course pertains to the study of the chronological development of multicultural and multiethnic groups in the United States and their influence on the development of American culture. Content should include, but is not limited to, the influence of geography on the social and economic development of Native American culture, the influence of major historical events on the development of a multicultural American society and a study of the political, economic and social aspects of Native American, Hispanic American, African American and Asian American culture.

### **International Relations Honors**

International Relations Honors, an elective, will help students develop skills for problem solving in international relations. Content will include, but not be limited to, the origins of the nation-state system, the role of power politics in the nuclear age, analysis of factors that influence relations between nations such as world population growth, food and other resources, environment, human rights, terrorism, cultural differences, world trade, and technology. In addition, an analysis of how governments conduct foreign policy as well as the role that international organizations play in promoting world peace will be included. Model United Nations Program will be incorporated into the course.

### **Cambridge (AICE) Sociology**

In a rapidly changing world, Cambridge International AS Level Sociology offers learners the opportunity not only to explore the processes that are shaping current trends, but also to develop an understanding of the complexity and diversity of human societies and their continuities with the past. The study of sociology stimulates awareness of contemporary social, cultural and political issues, and focuses on the importance of examining these issues in a rigorous, reasoned and analytical way. Students will prepare for and must take the AICE Sociology exam. GROUP 3

## Special Programs

### **Peer Counseling 1-3**

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).

### **Leadership Skills Development - Latinos in Action**

**Grades: 9-12**  
Latinos in Action is a leadership class taught at the high school by a highly-qualified and committed educator. The robust LIA curriculum trains students as paraprofessionals and leaders who visit their local elementary schools in an effort to not only increase literacy and math rates of those who are struggling, but to act as role models. This allows younger students to build leadership and self-efficacy that will propel them to join LIA when they reach Junior High and High School and continue the cycle of support and leadership demonstrated by older LIA students. LIA students are required to engage in service opportunities within their local communities at least once a semester or more. The intent of this

course requirement is to allow students to "give back" to their communities and also offers an avenue of resources to their own families and neighbors. The service component of LIA is one of its strongest values and teaches students the importance of giving back to their community.

### **Leadership Techniques - SGA**

#### **Grades: 10-12**

The purpose of this course is to teach leadership skills, parliamentary procedure, problem solving, decision making, communication skills, group dynamics, time and stress management, public speaking, human relations, public relations, team building, and other group processes. The content should include, but not be limited to, the following: study in self-understanding; development in such areas as goal setting, self-actualization, and assertiveness; study of organizational theories and management.

### **Leadership Strategies - SGA**

#### **Grades: 10-12**

This course will provide an in-depth study of the leadership techniques of decision making, problem solving, meeting skills, communication, group conflict reduction, time and stress management, evaluation, team building, group dynamics, motivational strategy, and the role of leadership in a democratic society. The content should include, but not be limited to, the following: development in areas such as self-esteem, goal setting, and character building; enhanced leadership skills and the ability to function in both a group setting and the community.

### **Approaches to Leadership - SGA**

#### **Grades: 10-12**

This course will provide an in-depth study of the leadership techniques of decision making, problem solving, meeting skills, communication, group conflict reduction, time and stress management, evaluation, team building, group dynamics, motivational strategy, and the role of leadership in a democratic society. The content should include, but not be limited to, the following: development in areas such as self-esteem, goal setting, and character building; enhanced leadership skills and the ability to function in both a group setting and the community.

### **Dual Enrollment through Broward College**

**SPECIAL NOTE: This is a college-level course. Students will earn college credit upon the successful completion of this course.**

### **Strategies for Success**

The course is tailored for college students and provides opportunities to acquire and practice learning strategies, explore personal learning styles, identify career options, and develop skills for lifelong and responsible citizens.

*NOTES*