



PROGRAM OF STUDIES

2016-17

NORTH FORT MYERS HS

HOW TO USE THIS PROGRAM OF STUDIES

The North Fort Myers Program of Studies has policies and procedures that are common to all Lee County High School Students. Below, we have listed all of the courses that we hope to offer for the coming school year. We reserve the right to add or discontinue elective and academic classes due to changes in staffing and student demand.

To navigate to a specific elective class try using the keyboard shortcut **CMD+F** which will bring up a search box where you can enter the name of the course you are choosing to learn more about.

For a complete list of all classes offered in Lee County, click [HERE](#).





Students Entering Grade Nine in the 2013-2014 School Year Academic Advisement Flyer–What Students and Parents Need to Know

What are the diploma options?

Students must successfully complete one of the following diploma options:

- 24-credit standard diploma
- 18-credit Academically Challenging Curriculum to Enhance Learning (ACCEL) option
- Advanced International Certificate of Education (AICE) curriculum
- International Baccalaureate (IB) Diploma curriculum

What are the state assessment requirements?

Students must pass the following statewide assessments:

- Grade 10 ELA (or ACT/SAT concordant score)
- Algebra I end-of-course (EOC) or a comparative score on the Postsecondary Education Readiness Test (P.E.R.T.)

Students must participate in the EOC assessments and the results constitute 30 percent of the final course grade. These assessments are in the following subjects:

- Algebra I*
- Geometry*
- U.S. History
- Biology I
- Algebra II (if enrolled)*

* Special Note: Thirty percent not applicable if enrolled in the 2014-2015 school year.

What is the credit acceleration program (CAP)?

This program allows a student to earn high school credit if the student passes a statewide course assessment without enrollment in the course. The courses include the following subjects:

- Algebra I
- Geometry
- U.S. History
- Biology I
- Algebra II

What are the graduation requirements for students with disabilities?

Two options are available only to students with disabilities. Both require the 24 credits listed in the table and both allow students to substitute a career and technical (CTE) course with related content for one credit in ELA IV, mathematics, science and social studies (excluding Algebra I, Geometry, Biology I and U.S. History).

- Students with significant cognitive disabilities may earn credits via access courses and be assessed via an alternate assessment.
- Students who choose the academic and employment option must earn at least .5 credit via paid employment.
- Certain students may earn a special diploma.

What are the requirements for the 24-credit standard diploma option?

4 Credits English Language Arts (ELA)
<ul style="list-style-type: none"> ▪ ELA I, II, III, IV ▪ ELA honors, Advanced Placement (AP), Advanced International Certificate of Education (AICE), International Baccalaureate (IB) and dual enrollment courses may satisfy this requirement
4 Credits Mathematics
<ul style="list-style-type: none"> ▪ One of which must be Algebra I and one of which must be Geometry ▪ Industry certifications that lead to college credit may substitute for up to two mathematics credits (except for Algebra I and Geometry)
3 Credits Science
<ul style="list-style-type: none"> ▪ One of which must be Biology I, two of which must be equally rigorous science courses. ▪ Two of the three required credits must have a laboratory component. ▪ An industry certification that leads to college credit substitutes for up to one science credit (except for Biology I) ▪ An identified rigorous computer science course with a related industry certification substitutes for up to one science credit (except for Biology I)
3 Credits Social Studies
1 credit in World History 1 credit in U.S. History .5 credit in U.S. Government .5 credit in Economics with Financial Literacy
1 Credit Fine and Performing Arts, Speech and Debate, or Practical Arts[†]
1 Credit Physical Education[†]
To include the integration of health
[†] Special Note: Eligible courses and eligible course substitutions are specified in the Florida Course Code Directory at http://www.fldoe.org/policy/articulation/ccd .
8 Elective Credits
1 Online Course
Students must earn a 2.0 grade point average on a 4.0 scale.

GRADUATION REQUIREMENTS



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AVAILABLE COURSES

ART

ART 3D / CERAMICS 1

Grades 9-12

01013400

1 Credit

Pre-req: Visual Arts student or Teacher approval

This is a beginning Ceramics course for serious art students who are interested in experiencing various hand build techniques and wheel throwing basics. Students will learn Ceramic vocabulary and the principles of design as related to shape and form while experimenting with clay. The methods and processes of glazing, staining and firing will be fully explored.

CERAMICS/POTTERY 1

Grades 9-12

01023005

1/2 Credit

The purpose of this course is to give beginning students a basic understanding of ceramic processes. Focus will be on creating clay projects in different forms and styles. Students will recognize properties, limitations, and possibilities of clay construction through handbuilding techniques. They will use a variety of tools, clays and glazes during the construction of projects. Students will learn vocabulary relating to ceramics and aesthetic judgments when evaluating works of art.

CERAMICS/POTTERY 2

Grades 9-12

01023105

1/2 Credit

Pre-req: Ceramics/Pottery 1

The purpose of this course is to give students a greater understanding of ceramic processes and develop their capabilities for problem-solving technically and aesthetically. Focus will be on the creating of unique works of art incorporating the elements of art and compositional principles, development of construction and decorating techniques. Students may select to learn basic wheel throwing techniques of functional pottery as a method of creating ceramic works of art.

CERAMICS/POTTERY 3

Grades 10-12

01023205

1/2 Credit

Pre-req: Ceramics/Pottery 2

The purpose of this course is to increase student knowledge of functional and decorative ceramic works of art. This is an opportunity for students to focus on an individual theme or develop a series of ideas for inclusion in a portfolio. Experimentation, formation of larger more complex pottery or continued work on the potter's wheel are integral parts of advanced ceramics. Students will research contemporary and historical ceramics to develop criteria for making judgments about the aesthetic merits of ceramic art.

DRAWING/PAINTING 1

Grades 9-12

01043205

1/2 Credit

This course is designed to teach the student the basic fundamentals of drawing and composition. The student is exposed to a variety of drawing media and learns techniques particular to these various media. The student will develop his/her ability to see and learn techniques to visually communicate what he/she sees to others through the drawing media.

DRAWING/PAINTING 2

Grades 9-12

01043305

1/2 Credit

Pre-req: Drawing/Painting 1

This course is designed to further the fine arts student's development of abilities in drawing. Included in this curriculum are continuing experiences in drawing media and techniques and an introduction to various other media.

PAINTING 1

Grades 9-12

01043700

1 Credit

Pre-req: Visual Arts students or Teacher recommendation

The purpose of this course is to enable students to develop basic perceptual, observational, and compositional skills necessary to communicate a range of subject matter, symbols, ideas, and concepts using

DRAWING 1

Grades 9-12

01043400

1 Credit

Pre-req: Visual Arts student or
Teacher recommendation

The purpose of this course is to give students an understanding of drawing. Emphasis will be on learning to see and solving design problems.

DRAWING 2

Grades 10-12

01043500

1 Credit

Pre-req: Drawing 1 & Visual Arts student
or Teacher recommendation

This course is designed to further the fine arts student's development of abilities in drawing. Included in this curriculum are continuing experiences in drawing media and techniques and an introduction to various other media.

PORTFOLIO 1

Grades 11-12

01093100

1 Credit

Pre-req: Visual Arts student & teacher recommendation

The class is designed for students who are serious about pursuing art beyond high school. The purpose of the course is to give students the opportunity to study and produce a variety of sophisticated, original and creative two- and three- dimensional works of art. Each term students will create a portfolio of art works that best represent technical skills, handling of various medium, personal insights and creativity . The focus of this is the understanding of quality, concentration and breadth of art.

PORTFOLIO 2

Grade 12

01093200

1 Credit

Pre-req: Portfolio 1

Each class is considered a portfolio concentration, the goal of which is to develop and create the highest level of drawing and painting in a student's expressed interest area. The pursuit of this course will be an intense skill development experience to fine tune the full body of student work and personal style using a variety of art mediums.

SCULPTURE I

Grades 9-12

01103105

1/2 Credit

The purpose of this course is to enable students to develop understanding of printmaking processes, techniques, and skills necessary to create and communicate a range of subject matter, symbols, ideas, and concepts.

SCULPTURE II

Grades 9-12

01103205

1/2 Credit

The purpose of this course is to enable students to develop intermediate-level skills in the use of sculpture media, design, processes, and techniques. Emphasis shall be placed on the use of visual, spatial, and compositional concepts to communicate a range of ideas.

AICE ART & DESIGN - CERAMICS AS LEVEL (AICE STUDENTS)

01023300

1 Credit

Candidates should be familiar with hand-building techniques, throwing and casting and have some knowledge of the use of decorating slips, oxides and pigments. They should have some understanding of glaze-mixing, glazes and different methods of firing and finishing work.

AICE ART & DESIGN- PAINTING AND RELATED MEDIA AS LEVEL (AICE STUDENTS)

01044200

1 Credit

Students will create a portfolio and display of painted artwork. They may work in multiple methods. The student will need to be able to explain their inspiration and accurately discuss major art movements.

AICE ART & DESIGN- SCULPTURE AS LEVEL
(AICE STUDENTS)

01113400 1 Credit
Students will create a portfolio and display of painted artwork. They may work in multiple methods. The student will need to be able to explain their inspiration and accurately discuss major art movements.

PRE-AICE PHOTOGRAPHY, DIGITAL & LENS MEDIA IGCSE LEVEL
(AICE STUDENTS)

01083550 1 Credit
The purpose of this course is to encourage personal expression, imagination, sensitivity, conceptual thinking, powers of observation, an analytical ability and practical attitudes. The course should lead to a greater understanding of the role of the visual arts in the history of civilizations and widen cultural horizons and enrich the individual.

AICE ART AND DESIGN PHOTOGRAPHY AS LEVEL
(AICE STUDENTS)

01083600 1 Credit
The purpose of this course is to enable students to demonstrate an expressive and/or interpretative artistic response to the visual world. They should show an understanding of the convention of photography and genres such as portrait, landscape and movement, and a range of techniques appropriate to photography.

BUSINESS MGT. & ADMINISTRATION

INTRODUCTION TO INFORMATION TECHNOLOGY

Grades 9-12

8273100 1 Credit
This course is a Pre-req for all other business courses. The student gains basic knowledge of computers, the Internet, business forms and procedures, along with an introduction to word processing, spreadsheet, database, and presentation applications.

ADMINISTRATIVE OFFICE TECHNOLOGY

Grades 10-12

82121100 1 Credit
Pre-req: Introduction to Information Technology
This course continues the study of the core elements of Microsoft Office (Microsoft Word, Excel, Access, and PowerPoint). At completion, students should be able to gain Microsoft Office Specialist certification at the core level. Students also learn basic fundamentals and procedures used in an office.

BUSINESS COOPERATIVE EDUCATION - OJT

Grades 10-12

82071100 1 Credit
This organized, regularly scheduled employment in a business occupation is designed for students to experience theory in practice while further developing job competencies in a related business class. Students must provide their own transportation to work.

AICE BUSINESS STUDIES 1 AS LEVEL

21023240 1 Credit
The purpose of this course is to encourage students: to understand and appreciate the nature and scope of business and its role in society; to develop critical understanding of organizations, the markets they serve and the process of adding value – this should involve consideration of the internal workings and management of organizations and, in particular, the process of decision-making in a dynamic external environment; to be aware that business behavior can be studied from a range of stakeholders including customer, manager, creditor, owner/shareholder and employee; to be aware of the economic, environmental, ethical, governmental, legal, social and technological issues associated with business activity; to develop the following skills: decision-making and problem solving in the light of evaluation; the quantification and management of information, where appropriate; effective communication. The emphasis should be on the application of concepts and issues to the local (USA) context where appropriate.

AICE TRAVEL & TOURISM 1 AS LEVEL

21024100 1 Credit
Through their studies, learners will gain an understanding of the concepts, models and theories used within the industry, and also enhance their skills of investigation, analysis, interpretation and evaluation.

TECHNOLOGY AND COMMUNICATION

GAME AND SIMULATION FOUNDATIONS

Grades 9-12

82081100

1 Credit

This class is an introduction to the challenging academic standards that are relevant to the technical knowledge and skills needed to prepare for further education and careers in the Information Technology career cluster such as Game or Simulation Designer, Game or Simulation Graphic Artist, and Game or Simulation 3-D Animator. The skills needed to become a modeler for games and animation are emphasized.

GAME AND SIMULATION DESIGN

(3-D Design)

Grades 10-12

82081200

1 Credit

Pre-req: 3D Animation & Video Game Design 1

This class is an intermediate level content course with challenging academic standards to provide relevant technical knowledge and skills needed to prepare for further education and careers in the Information Technology career cluster such as Game or Simulation Designer, Game or Simulation Graphic Artist, and Game or Simulation 3-D Animator. Game and animation effects are emphasized as well as two dimensional game development.

GAME AND SIMULATION 2-D GRAPHICS DEVELOPEMENT

Grades 11-12

82081300

1 Credit

Pre-req: 3D Animation & Video Game Design 2

This class is an advanced intermediate level course with challenging academic standards that provide the relevant technical knowledge and skills needed to prepare for further education and careers in the Information Technology career cluster such as Game or Simulation Designer, Game or Simulation Graphic Artist, and Game or Simulation 3-D Animator. Game and animation lighting are emphasized as well as three dimensional game

3D ANIMATION & VIDEO GAME DEVELOPMENT 4 (3-D GRAPHICS ANIMATION)

Grade 12

82081400

1 Credit

Pre-req: 3D Animation & Video Game Design 3

This class is an advanced level course with challenging academic standards that are relevant to the technical knowledge and skills needed to prepare for further education and careers in the Information Technology career cluster such as Game or Simulation Designer, Game or Simulation Graphic Artist, and Game or Simulation 3-D Animator. Students will refine skills to develop, modify, and integrate realistic 3D graphics into a game or simulation product.

DIGITAL DESIGN 1

Grades 10-12

82095100

1 Credit

Pre-req: Introduction to Information Technology or Administrative Office Technology

Using Adobe In Design, Photoshop, and Illustrator this course is designed to develop basic entry level skills required for careers in the digital publishing industry. The content includes computer skills, digital publishing concepts and operations, layout, design and measurement activities, decision-making activities, and digital imaging. Adobe Photoshop will be used to edit and enhance photos and students will take the Photoshop industry certification exam.

DIGITAL DESIGN 2

Grades 10-12

82095200

1 Credit

Pre-reqs: Teacher recommendation

This course is designed to develop advanced skills required for careers in the digital publishing industry. The content includes digital publishing concepts and operations, layout, design and measurement activities, decision-making activities, and digital imaging. Adobe Illustrator will be used to edit and enhance documents. In addition, students will create publications using Adobe In Design.

WEB DESIGN 1

Grades 10-12

82071100

1 Credit

Pre-req: Introduction to Information Technology

Learn design techniques and basic HTML and CSS to create web pages. Learn basic animation and action script using Macromedia Flash Program. Learn basic applications of Macromedia Dreamweaver program. This program also offers a broad foundation of knowledge and industry-standard image-editing skills to prepare students for employment in graphic services positions. Students will take the Photoshop industry certification exam.

WEB DESIGN 2

Grades 10-12

82071200

1 Credit

Pre-req: Web Design 1

This course provides advanced concepts for Internet, Intranet, Flash, Action Scripting, Dreamweaver and Web design. The content includes Internet/Intranet tools, Web site promotion, advanced HTML and CSS Commands, Dreamweaver, advanced Flash Actionscript 3.0 and multimedia applications. After successful completion of this course, students will have met Occupation Completion Point - Data Code D, Web Designer - (Industry Title).

WEB DESIGN 3

Grades 10-12

9001110

1 Credit

Pre-req: Web Design 1

This course provides advanced concepts for Internet, Intranet, Flash, Action Scripting, Dreamweaver and Web design. The content includes Internet/Intranet tools, Web site promotion, advanced HTML and CSS Commands, Dreamweaver, advanced Flash Actionscript 3.0 and multimedia applications. After successful completion of this course, students will have met Occupation Completion Point - Data Code D, Web Designer - (Industry Title).

TV PRODUCTION 1

Grades 9-12

8772110

1/2 Credit

This course is an overview of television production and the television production team, including the history of television and its role as an element of the mass media, television-related careers, orientation to writing for television, script writing, and basic equipment used in television production such as video recorders, cameras, lights and video editing.

TV PRODUCTION 2-4

Grades 10-12

87721200-87721400

1 Credit

Pre-req: TV Production 1

These courses develop knowledge and skill for writing, producing, directing, and editing television programs; basic set design; use of equipment such as camera control, units, audio boards, editors, special effects generators, and equipment for graphics preparation.

TV 1 / BROADCASTING

(TV Production 5)

Grades 9-12

87721500

1 Credit

Pre-req: Admission into Digital Media Arts program or teacher approval

The purpose of this course is to develop advanced skills in planning, writing, producing, supervising, and performing in television productions. The content should include, but not be limited to the following: development of serials, and interview-type productions; analysis of the dynamics of effective productions.

TV 2 / BROADCASTING

(TV Production 6)
Grades 10-12

87721600

1 Credit

Pre-req: TV 1 /Broadcasting

This course develops student skills in the area of Electronic News Gathering (ENG) and studio production. Specific skills in interviewing, editing and videography are taught. Students work as part of the news team to produce the daily news broadcast. In addition, students are exposed to computer graphics and special effects equipment and software that is used professionally to create on- screen graphics and titles.

TV 3 / BROADCASTING

(TV Production 7)
Grades 11-12

87721700

1 Credit

Pre-req: TV 2 /Broadcasting

The purpose of Broadcast TV III is to continue to develop student skills in the area of broadcast journalism, specifically in the areas of ENG (Electronic News Gathering). Students enrolled in the course will work as student reporters, videographers, editors and associate producers on the news show as well as community television shows.

TV 4 / BROADCASTING

(TV Production 8)
Grade 12

87721800

1 Credit

Pre-req: TV 3 /Broadcasting

This course focuses on the continued development of a student's ability to operate and manage tasks in a simulated electronic news environment. In addition to writing and producing stories, students in this course are expected to function as upper level managers for our news operation. Students will produce, direct and work as assignment editors for a variety of productions including but not limited to our own daily news show.

DANCE

DANCE TECHNIQUES 1

Grades 9-12

03003100

1 Credit

Pre-req: Admission into Arts program or
teacher approval

This course expands knowledge and skill in two or more styles of dance. It increases students' repertoire, including techniques/styles of jazz, modern, ballet, ethnic, and tap. It also includes familiarity with basic dance terminology and knowledge of basic choreography through movement sequences.

DANCE TECHNIQUES 2

Grades 9-12

03003200

1 Credit

Pre-req: Admission into Arts program or teacher approval

The purpose of this course is to enable students to develop intermediate-level knowledge and skills in varied dance styles through acquisition of technique, choreographic skill, aesthetic awareness, and performance quality within a cultural and historical context.

DANCE TECHNIQUES 3

Grades 9-12

03003300

1 Credit

Pre-req: Admission into Arts program or
teacher approval

The purpose of this course is to enable students to develop advanced-level knowledge and skills in varied dance styles through acquisition of technique, choreographic skill, aesthetic awareness, and performance quality within a cultural and historical context.

DANCE TECHNIQUES 4

Grades 9-12

03003400

1 Credit

Pre-req: Admission into Arts program or teacher approval

The purpose of this course is to enable students to develop, extend, refine, and further develop technique, knowledge and skills in varied dance styles through acquisition of technique, choreographic skill, aesthetic awareness, and performance quality within a cultural and historical context.

BALLET 1

Grades 9-12

03003400

1 Credit

Pre-req: Admission into Arts program or teacher approval

The purpose of this course is to acquire knowledge and skills in basic ballet techniques. Acquisition of technique should be stressed.

BALLET 2

Grades 10-12

03003500

1 Credit

Pre-req: Ballet 1

The purpose of this course is to extend the acquisition of knowledge and the development of technique in ballet and to provide an opportunity for performance. Acquisition of technique and performance skills should be stressed.

BALLET 3

Grades 11-12

03003600

1 Credit

Pre-req: Ballet 2

The purpose of this course is to extend the acquisition of knowledge and the development of technique in ballet and to provide an opportunity for performance. Acquisition of technique, choreography skills, and performance skills should be stressed.

BALLET 4

Grade 12

03003700

1 Credit

Pre-req: Ballet 3

The purpose of this course is to extend, refine, and further develop technique in ballet, to provide opportunity for performance and prepare for post-high school endeavors.

PERFORMING ARTS

DRAMA 1

Grades 9-12

04003100

1 Credit

This course will include an overview of the history of the theatre. Literature of the theatre will be read and discussed. Students will be introduced to the fundamentals of theatre operations which include scenery construction, costuming, lighting, and makeup. Students will also be introduced to the fundamentals of acting.

DRAMA 2-4

Grades 10-12

04003200-04003400

1 Credit

Pre-req: Drama 1

These courses provide the basis for instruction in skills in reading and interpretation. Other instructional emphasis will include techniques and mechanics of acting: set, costume, and lighting design, as well as other features of stagecraft; character analysis and portrayal; interpretive and analytical study of plays; and production of plays and other dramatic presentations.

THEATRE 1

Grades 9-12

04003700

1 Credit

Pre-req: Admission into Arts program

The purpose of these courses is to introduce students to skills development and performance opportunity. Creative problem solving, critical thinking and oral interpretation skills are stressed within the curriculum.

THEATRE 2

Grades 10-12

04003800

1 Credit

Pre-req: Acting 1

This course is a continuation of Acting I and is intended to provide further skill development and performance opportunity in all dramatic forms, including stage and acting for television.

THEATRE 3

Grades 11-12

04003900

1 Credit

Pre-req: Acting 2

This course is a continuation of Acting II and is intended to provide an environment for students to further develop their insight, leadership and performing abilities.

THEATRE 4

Grade 12

04004000

1 Credit

Pre-req: Acting 3

This course is a continuation of Acting III and is intended to further enrich the students knowledge, ability and appreciation of dramatic technique of all forms. Scripting and playwriting techniques are emphasized.

MUSICAL THEATRE 1-3

Grades 10-12

13004000-13004200

1 Credit

Pre-req: Acting 1 or Drama 1

This course provides students with a survey of musical theatre skills, history and appreciation. Students will work in ensemble and individual projects to increase abilities in movement, singing, and acting. The history and styles of musical theatre will be studied and the course will culminate in a performance demonstrating learning acquired during the course.

STAGECRAFT (2-D/3-D ART)

Grades 9-12

04004100

1 Credit

Pre-req: Admission into Arts program

The purpose of this course is to enable students to develop fundamental skills in stagecraft and apply them through practical experiences.

BAND 1

13023000

1 Credit

The purpose of this course is to enable students to develop basic technical skills on wind or percussion instruments through the refinement and performance of high school band literature. Emphasis will be placed on the development of skills in interpretation of notation and expressive markings, individual and ensemble performance, and critical listening.

BAND 2

13023100

1 Credit

This course promotes the enjoyment and appreciation of music through performance of high-quality wind and percussion literature. Rehearsals focus on the development of critical listening skills, instrumental and ensemble technique and skills, expanded music literacy, and aesthetic awareness culminating in periodic public performances.

BAND 3

13023200

1 Credit

This course is designed for students ready to build on skills and knowledge previously acquired in a middle or high school instrumental ensemble, promotes the enjoyment and appreciation of music through performance of high-quality, intermediate-level wind and percussion literature. Rehearsals focus on development of critical listening/aural skills, individual musicianship, instrumental technique, refinement of ensemble skills, and aesthetic engagement culminating in periodic public performances.

BAND 4

13023300 1 Credit
This course is designed for students who demonstrate proficiency in woodwind, brass and/or percussion techniques, music literacy, critical listening/aural skills, and ensemble performance skills, promotes greater engagement with and appreciation for music through performance and other experiences with a broad spectrum of music, as well as creativity through composition and/or arranging. Study includes cultivation of well-developed instrumental ensemble techniques and skills, music literacy and theory, and deeper aesthetic engagement with a wide variety of high-quality repertoire.

ELECTRONIC MUSIC 1-4

13043000 1 Credit
The purpose of this course is to teach the care and use of electronic equipment and synthesizers commonly used in the production of today's popular music, along with the necessary theoretical, technical, and physical properties of sound and music.

INSTRUMENTAL ENSEMBLE 1-4

13024200 1 Credit
The purpose of this course is to enable students to develop basic performance skills on a selected instrument in a solo or small ensemble setting using varied high school literature. Performance techniques, music knowledge, critical analysis, and aesthetic response are emphasized.

JAZZ ENSEMBLE 1-4

13025000 1 Credit
Students with experience on an instrument suited for jazz ensemble explore the fundamentals of performance practices, improvisation, and music theory through a diverse repertoire of high-quality jazz literature. Students learn the basics of foundational jazz styles, use chord symbols, develop knowledge of musical structure, and study the history of jazz and its iconic musicians.

EURHYTHMICS 1-4

13053000 1 Credit
The purpose of this course is to enable students to develop basic skills in creating, performing, and evaluating choreographed performances as an independent ensemble and in cooperation with the marching band. Emphasis is placed on dance, equipment manipulation, precision, and the relationship between music and dance.

CHORUS 1-4

13033000 1 Credit
The purpose of this course is to enable students to develop basic individual and ensemble skills in choral performance through preparation of varied high school literature. Emphasis will be placed on healthy and expressive singing, accurate interpretation of notation, and development of critical and aesthetic response to music.

VOCAL ENSEMBLE 1-4

13034400 1 Credit
Students develop basic musicianship and ensemble performance skills through the study of basic, high-quality music in diverse styles. Student musicians focus on building foundational music techniques, music literacy, listening skills, and aesthetic awareness.

GUITAR 1

13013200 .5Credit
The purpose of this course is to enable students to develop basic skills in guitar performance, including interpretation of notation and performance in varied styles. Beginning guitarists explore the careers and music of significant performers in a variety of styles.

ORCHESTRA 1

13023600 1 Credit
The purpose of this course is to enable students to develop basic technical skills on string or other orchestral instruments through the refinement and performance of high school orchestra literature. Emphasis will be placed on the development of skills in interpretation of notation and expressive markings, individual and ensemble performance, and critical listening.

MUSIC THEORY 1

13003000

1 Credit

Students learn how music is constructed and developed, and acquire a basic understanding of the structural, technical, and historical elements of music. Student theorists develop basic ear-training, keyboard, and functional singing skills, and engage in the creative process through individual and collaborative projects.

MUSIC THEORY 2 HONORS

13003100

1 Credit

Students with prior music theory training study composition, form, and analysis, and develop individual aural skills. The aural, analytical, and cognitive skills expanded in this class inform the serious musician's performance abilities over a variety of styles and genres.

MUSIC OF THE WORLD

13003400

1 Credit

Students explore the musical traditions of 20th- and 21st-century American and global communities around the world through study of current trends, focusing on the function of music within various cultures (e.g., jazz, world drumming, mariachi, soul, gamelan, Bollywood, digital). Students examine and report on human activities involving music, technology- and culture-related influences on music, and the sounds and structures of music composition. Public performances may serve as a resource for specific instructional goals. Students may be required to attend one or more performances outside the school day to support, extend, and assess learning in the classroom.

MUSIC TECHNIQUES 1

13055000

1 Credit

Students with little or no instrumental or vocal experience develop musicianship, technical proficiency, and performance skills. Beginning musicians focus on development of skills and techniques through scales, etudes, and solo literature. 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. This course, if used for an instrumental class, may also require students to obtain a musical instrument (e.g., borrow, rent, purchase) from an outside source.

MUSIC TECHNOLOGY AND SOUND ENGINEERING 1

13043000 1 Credit

The purpose of this course is to teach the care and use of electronic equipment and synthesizers commonly used in the production of today's popular music, along with the necessary theoretical, technical, and physical properties of sound and music.

KEYBOARD 1

13013600

1 Credit

Students build fundamental piano techniques while learning to read music, acquire and apply knowledge of basic music theory, and explore the role of keyboard music in history and culture. Beginning pianists develop skills in analytical listening and explore musical creativity in the form of basic improvisation and basic composition.

FOREIGN LANGUAGE

FRENCH 1

07013200

1 Credit

French 1 provides the student with a sound basis for learning contemporary French and increases student's awareness and understanding of the French-speaking world, its people and culture. Basic language skills are developed: listening comprehension, speaking, reading, and writing. Co-curricular field trips are offered as part of class study.

FRENCH 2

07013300

1 Credit

Based upon the same goals as French 1, this course aims to provide continuing practice in developing the same skills learned at the first-year level, while reviewing and expanding upon the structures and vocabulary. Co-curricular field trips are offered as part of class study.

PRE-AICE FRENCH LANGUAGE 1 IGCSE LEVEL

07013940

1 Credit

The purpose of this course is to develop students' ability to present an informed personal response to works of Literature read or heard confidently and clearly in written language. Students will be encouraged to read widely, to use relevant vocabulary, employ correct grammar, spelling and punctuation. The students will develop the ability to analyze, synthesize, make inferences, and organize arguments and ideas logically.

FOREIGN LANGUAGE

FRENCH 1

07013200

1 Credit

French 1 provides the student with a sound basis for learning contemporary French and increases student's awareness and understanding of the French-speaking world, its people and culture. Basic language skills are developed: listening comprehension, speaking, reading, and writing. Co-curricular field trips are offered as part of class study.

FRENCH 2

07013300

1 Credit

Based upon the same goals as French 1, this course aims to provide continuing practice in developing the same skills learned at the first-year level, while reviewing and expanding upon the structures and vocabulary. Co-curricular field trips are offered as part of class study.

PRE-AICE FRENCH LANGUAGE 1 IGCSE LEVEL

07013940

1 Credit

The purpose of this course is to develop students' ability to present an informed personal response to works of Literature read or heard confidently and clearly in written language. Students will be encouraged to read widely, to use relevant vocabulary, employ correct grammar, spelling and punctuation. The students will develop the ability to analyze, synthesize, make inferences, and organize arguments and ideas logically.

PRE-AICE FRENCH LANGUAGE 2 IGCSE LEVEL

07013960

1 Credit

Pre-AICE French Language II covers the second half of the International General Certificate of Secondary Education (IGCSE) syllabus written and administered by the University of Cambridge's International Examinations Program. The purpose of this course is to enable students to begin to acquire proficiency in French through a linguistic, communicative and cultural approach to language learning. Emphasis is placed on the development of listening, speaking, reading and writing skills and on the acquisition of the fundamentals of applied grammar.

PRE-AICE FRENCH LANGUAGE 3 IGCSE LEVEL

07013980

1 Credit

Develop the ability to communicate effectively using the target language, offer insights into the culture and society of countries where the language is spoken, develop awareness of the nature of language and language learning, encourage positive attitudes towards speakers of other languages and a sympathetic approach to other cultures and civilizations, provide enjoyment and intellectual stimulation, develop transferable skills (e.g. analysis, memorizing, drawing of inferences) to complement other areas of the curriculum, form a sound base of the skills, language and attitudes required for progression to work or further study, either in the target language or another subject area.

AICE FRENCH A LEVEL

07013910 1 Credit

The purpose of this course is to develop students' ability to understand and communicate confidently and clearly in speech and written language. Students will be encouraged to read widely, to use relevant vocabulary, employ correct grammar, spelling and punctuation. The students will develop the ability to analyze, synthesize, make inferences, and organize arguments and ideas logically.

SPANISH 1

07083400

1 Credit

The purpose of this course is to enable students to begin to acquire proficiency in Spanish through a linguistic, communicative, and cultural approach to language learning. Emphasis is placed on the development of listening, speaking, reading, and writing skills and on acquisition of the fundamentals of applied grammar. Cross-cultural understanding is fostered and real-life applications are emphasized throughout the course.

SPANISH 2

07083500

1 Credit

The purpose of this course is to enable students to enhance proficiency in Spanish through a linguistic, communicative, and cultural approach to language learning. There is continued emphasis on the development of listening, speaking, reading, and writing skills and on acquisition of the fundamentals of applied grammar. Crosscultural understanding is fostered and real-life applications are emphasized throughout the course.

PRE-AICE-SPANISH 1

0708352C

1 Credit

Pre-AICE Spanish Language covers the first half of the International General Certificate of Secondary Education (IGCSE) Language (Spanish) syllabus written and administered by the University of Cambridge's International Examinations Program. The purpose of this course is to enable students to begin to acquire proficiency in Spanish through a linguistic, communicative and cultural approach to language learning. Emphasis is placed on the development of listening, speaking, reading and writing skills and on the acquisition of the fundamentals of applied grammar.

PRE-AICE-SPANISH 2

0708354C

1 Credit

Pre-AICE Spanish Language is the second course in the University of Cambridge's International Examinations Program. The purpose of this course is to enable students to begin to acquire proficiency in Spanish through a linguistic, communicative and cultural approach to language learning. Emphasis is placed on the development of listening, speaking, reading and writing skills and on the acquisition of the fundamentals of applied grammar.

PRE-AICE SPANISH 3

07085360

1 Credit

This course continues with the objectives and content of Pre-AICE Spanish II with the goal of preparing students to continue into AICE Spanish class and complete the AICE Spanish exam.

AICE SPANISH LANGUAGE A LEVEL

07085300

1 Credit

The purpose of this course is to develop students' ability to understand and communicate confidently and clearly in speech and written language. Students will be encouraged to read widely, to use relevant vocabulary, employ correct grammar, spelling and punctuation. The students will develop the ability to analyze, synthesize, make inferences, and organize arguments and ideas logically.

ADVANCED PLACEMENT SPANISH LITERATURE & CULTURE

07084100

1 Credit

The purpose of this course is to develop oral and written fluency in the language. The curriculum content is specified by the Advanced Placement Program.

LEADERSHIP & PHYSICAL EDUCATION

(JROTC) ARMY: LEADERSHIP EDUCATION & TRAINING 1

18013000

1 Credit

The purpose of this course is to enable students to develop knowledge of the history, customs, traditions, and purpose of the Army JROTC. The course includes development of basic leadership skills including leadership principles, values, and attributes. Students should master appreciation for diversity. Active learning strategies are integrated throughout the course with an emphasis on writing skills and oral communication techniques. Financial planning as well as physical fitness, diet, nutrition, healthy lifestyles, awareness of substance abuse and prevention, and basic first aid measures are included. An overview of the globe and geography and basic map reading skills are incorporated. A study of the United States Constitution, Bill of Rights, responsibilities of United States citizens, and the federal justice system is also provided.

WEIGHT TRAINING 1

15013405

.5 Credit

The purpose of this course is to enable students to acquire basic knowledge and skills in weight training, improve muscular strength and endurance, and begin to enhance self-image.

RECREATIONAL ACTIVITIES

15024705

.5 Credit

The purpose of this course is to enable students to develop knowledge and skills in recreational activities and maintain or improve health-related fitness.

AEROBICS 1 & 2

15034005

.5 Credit

The purpose of this course is to enable students to develop basic-level knowledge of aerobic activities and fitness and to maintain or improve an individualized level of fitness.

INDIVIDUAL AND DUAL SPORTS 1 & 2

15024105

.5 Credit

The purpose of this course is to enable students to develop knowledge and skills in specified individual and dual sports and to maintain or improve health-related fitness.

BASKETBALL 1 & 2

15033105 .5 Credit
The purpose of this course is to enable students to develop knowledge and skills in basketball and to maintain or improve health-related fitness.

TEAM SPORTS 1 & 2

15033505 .5 Credit
The purpose of this course is to enable students to acquire basic knowledge of team sports play, develop skills in specified team sports, and maintain or improve health-related fitness.

TENNIS 1

15045005 .5 Credit
The purpose of this course is to enable students to develop basic-level knowledge and skills in tennis and to maintain or improve health-related fitness.

VOLLEYBALL 1

15055005 .5 Credit
The purpose of this course is to enable students to acquire basic knowledge and skills in volleyball and to maintain or improve health-related fitness.

MISCELLANEOUS ELECTIVES

YEARBOOK

(Teacher Signature Required)

10063000 1 Credit
The purpose of this course is to enable students to develop fundamental skills in the production of journalism across print, multimedia, web, and broadcast/radio platforms and to develop knowledge of journalism history, ethics use, and management techniques related to the production of journalistic media.

AVID - ADVANCEMENT VIA INDIVIDUAL DETERMINATION 1-4

17003900 1 Credit
AVID is a rigorous academic elective course that prepares students for success in four-year colleges. Each week students receive instruction utilizing a rigorous college preparatory curriculum provided by AVID Center, tutorfacilitated study groups, motivational activities and academic survival skills. There is an emphasis on analytical writing, preparation for college entrance and placement exams, study skills and test taking, note-taking, and research. In AVID, students participate in activities that incorporate strategies focused on writing, inquiry, collaboration, and reading to support their academic growth.

E2020

17003100 0 credit
E2020 is a lab course designed to give students, who have previously failed, an opportunity to gain mastery of that subject and regain the credit lost. Students use computer software, and online instruction to regain credit that will help them to successfully graduate high school.

DRIVER EDUCATION/TRAFFIC SAFETY CLASSROOM & LABORATORY

(Student must have permit prior to course start date)

19003105 .5 Credit
The purpose of this course is to introduce students to the highway transportation system and to strategies that will develop driving knowledge and skills related to today's and tomorrow's motorized society. It will also provide an indepth study of the scope and nature of accident problems and their solutions.

AICE THINKING SKILLS 1 AS LEVEL

17003720 1 Credit
The purpose of this course involves the development of a range of transferable thinking skills and processes. These skills are valuable and relevant within other subjects as well as being essential for further and higher education. It should engage students in the study of the language of reasoning by identifying reasons, evaluating reasoning of different kinds, recognizing and evaluating assumptions, clarifying expressions and ideas, and the production of reasoning appropriate to a given task.

AICE MEDIA STUDIES

00000000 1 Credit
Students will explore how the media arts, specifically magazines and movies, impact our perceptions of the world. The candidate will analyze trends in design and marketing to a specific target audience. Viewing and deconstructing film and television camera work and cinematic elements will also be an emphasis of this course.

ENGLISH

AICE GENERAL PAPER AS LEVEL

10093600

1 Credit

The purpose of this course is to encourage students to make cross-curricular links; to develop a maturity of thought appropriate to students at this level; and to achieve an understanding and usage of the English language which enables them to express arguments, ideas and opinions in a reflective and academic manner. An awareness of the wider implications of particular issues will enhance the quality of the student's response to the questions; the General Paper is not a test of general knowledge. The key objective is for the student to convey information or opinion in a way that is thoughtful, perceptive and immediately intelligible to the reader.

ENGLISH 1

10013100

1 Credit

The purpose of this course is to provide English 1 students, 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

10013400

1 Credit

The purpose of this course is to provide grade 10 students, 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

10013700

1 Credit

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

ENGLISH 4

10014000

1 Credit

The purpose of this course is to provide grade 12 students, using texts of high complexity, integrated language arts study in reading, writing, speaking, listening, and language for college and career preparation and readiness.

ENGLISH 4- COLLEGE PREP

10014100

1 Credit

The purpose of this course is to provide grade 12 students, using texts of high complexity, advanced integrated language arts study in reading, writing, speaking, listening, and language for college and career preparation and readiness.

PRE-AICE ENGLISH LANGUAGE IGCSE LEVEL

10015600 1 Credit

The purpose of this course is to enable students to communicate accurately, appropriately and effectively in speech and writing. Students will also be able to understand and respond appropriately to what they hear, read and experience. The course also provides a variety of writing opportunities calling for the use of different styles and tones.

PRE-AICE ENGLISH LITERATURE IGCSE LEVEL

10053800

1 Credit

The purpose of this course is to enable students to communicate accurately, appropriately and effectively in speech and writing. Students will also be able to understand and respond imaginatively to what they hear, read and experience in a variety of media. Students will study in detail texts from a variety of genre to include poetry, prose and drama. The selections will explore areas of universal human concern, thus leading to a greater understanding of themselves and others.

AICE ENGLISH LANGUAGE AS LEVEL

10015500

1 Credit

The purpose of this course is to provide students with an understanding of the semantic, structural, and rhetorical resources of the English language as they relate to the principles of effective writing. The course also provides a variety of writing opportunities calling for the use of different styles and tones.

AICE ENGLISH LITERATURE 1 AS LEVEL

10053700

1 Credit

The purpose of this course is to engage students in the careful reading and critical analysis of imaginative literature of various styles, genres, and periods, thus developing independent critical competency in the study of literature and fostering a high level of achievement in reading, writing, and speaking. Students will also acquire an understanding of the resources of the language and of the writer's craft.

CREATIVE WRITING 1

10093205

.5 Credit

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

AICE CLASSICAL STUDIES 1 AS LEVEL

09005000

1 Credit

Classical Studies provides opportunity: To provide students with an understanding of Greek and Roman civilization, and to encourage an appreciation for the Classical world; To understand core foundations for the Western traditions of art, history, literature, philosophy, political thought and science – traditions which have had major influences on the shape of the modern world; To develop awareness of diversity in civilizations by understanding cultures, their values and assumptions, which differ from ours;

AICE GENERAL PAPER AS LEVEL

10093600

1 Credit

The purpose of this course is to encourage students to make cross-curricular links; to develop a maturity of thought appropriate to students at this level; and to achieve an understanding and usage of the English language which enables them to express arguments, ideas and opinions in a reflective and academic manner. An awareness of the wider implications of particular issues will enhance the quality of the student's response to the questions; the General Paper is not a test of general knowledge.

MATHEMATICS

ALGEBRA 1

12003100

1 Credit

The fundamental purpose of this course is to formalize and extend the mathematics that students learned in the middle grades. The critical areas 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 Standards for Mathematical Practice apply throughout 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.

LIBERAL ARTS MATH 1

12073000

1 Credit

The purpose of this course is to enable students to strengthen algebraic and geometric concepts and skills necessary for further study of mathematics. Students will move toward mastery of algebraic benchmarks including linear and quadratic functions, graphing, and statistical modeling. In addition, students will work on geometric concepts that include congruence, similarity, measurement, trigonometry, and circles.

INTENSIVE MATHEMATICS

12004000

Multiple Elective Credits

The purpose of this course is to enable students to develop mathematics skills and concepts through remedial instruction and practice outside their regular mathematics instruction. The course is tailored to meet the needs of individual students, and is aligned to appropriate benchmarks for students to work toward mastery of grade level or course standards.

GEOMETRY

12063100

1 Credit

The fundamental purpose of Geometry is to formalize and extend students' geometric experiences from the middle grades. Students explore more complex geometric situations and deepen their explanations of geometric relationships, moving towards formal mathematical arguments. The Standards for Mathematical Practice apply throughout 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. The course includes topics on congruence, constructions, proof, similarity, trigonometry, measurement, circles, and coordinate geometry.

PRE-AICE MATHEMATICS 2 IGCSE LEVEL

12098200

1 Credit

The purpose of this course is to enable students to: develop their mathematical knowledge and oral, written and practical skills in a way which encourages confidence and provides satisfaction and enjoyment; read mathematics, and write and talk about the subject in a variety of ways; develop a feel for number, carry out calculations and understand the significance of the results obtained; apply mathematics in everyday situations and develop an understanding of the part which mathematics plays in the world around them.

ALGEBRA 2

12003300

1 Credit

Building on their work with linear, quadratic, and exponential functions, students extend their repertoire of functions to include polynomial, rational, and radical functions. Students work closely with the expressions that define the functions, and continue to expand and hone their abilities to model situations and to solve equations, including solving quadratic equations over the set of complex numbers and solving exponential equations using the properties of logarithms.

PRE-AICE MATHEMATICS 3 IGCSE LEVEL

12098250

1 Credit

The curriculum content is an integration of Algebra I, Geometry, Algebra II, Trigonometry and Probability & Statistics. Students will develop mathematical abilities and skills relevant to the study of mathematics and will form a basis for more advance study, including AS and A Levels in AICE. Polynomial, rational, exponential, inverse, logarithmic, quadratic, and trigonometric functions, systems of equations, graphing, sequences and series, imaginary and complex numbers, and vectors are a few of the topics to be covered in this course. The use of the graphing calculator and real-world applications will be integrated into this course.

LIBERAL ARTS MATH 1

12073000

1 Credit

The purpose of this course is to enable students to strengthen algebraic and geometric concepts and skills necessary for further study of mathematics. Students will move toward mastery of algebraic benchmarks including linear and quadratic functions, graphing, and statistical modeling. In addition, students will work on geometric concepts that include congruence, similarity, measurement, trigonometry, and circles.

MATH FOR COLLEGE READINESS

12007000

1 Credit

This course is targeted for grade 11 and 12 students, who need some additional instruction in content to prepare them for success in college level mathematics. This course incorporates the Florida Standards for Mathematical Practices as well as the following Florida Standards for Mathematical Content: Expressions and Equations, The Number System, Functions, Algebra, Geometry, Number and Quantity, Statistics and Probability, and the Florida Standards for High School Modeling. The standards align with the Mathematics Postsecondary Readiness Competencies deemed necessary for entry-level college courses.

PRE-CALCULUS HONORS

12023400

1 Credit

Pre-calculus combines the trigonometric, geometric, and algebraic techniques needed to prepare students for the study of calculus and strengthens students' conceptual understanding of problem solving mathematical reasoning. Course topics include an expanded understanding of logarithms, exponential functions, and polynomial functions, applications of trigonometric identities and trigonometric functions, polar coordinates, complex numbers, conic sections, vectors, and limits.

TRIGONOMETRY HONORS

12113000

.5 Credit

In this course, students develop skills necessary for advanced mathematics. Course topics include work with trigonometric functions, trigonometric identities, trigonometric equations, operations with complex numbers, and vectors.

ADVANCED PLACEMENT STATISTICS

12103200

1 Credit

The content of this course should include, but not be limited to the: exploratory data: observing patterns, and departures from patterns; planning of a study: deciding what and how to measure; anticipating patterns in advance: producing models using probability and simulation; statistical inference: confirming models. Students in this course will sit for the AP Statistics exam.

AICE MATHEMATICS 1 AS LEVEL

12023520

1 Credit

The purpose of this course is to enable students to: develop an understanding of mathematical principles and an appreciation of mathematics as a logical and coherent subject; acquire a range of mathematical skills, particularly those which will enable them to use applications of mathematics in the context of everyday situations and of other subjects they may be studying; develop the ability to analyze problems logically, recognize when and how a situation may be represented mathematically, identify and interpret relevant factors and, where necessary, select an appropriate mathematical method to solve the problem; use mathematics as a means of communication with emphasis on the use of clear expression; acquire the mathematical background necessary for further study in this or related subjects.

ADVANCED PLACEMENT CALCULUS AB

12023100

1 Credit

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

ADVANCED PLACEMENT CALCULUS BC

12023200

1 Credit

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

SCIENCE

INTEGRATED SCIENCE 1

20024000

1 Credit

The purpose of this course is to develop comprehensive concepts and to do investigative studies of concepts basic to the earth, its materials, processes, and history and environment in space. This course will also provide students with investigative studies of the theories and laws associated with the natural physical and chemical properties of matter and familiarize students with human growth and development within the context of our society. Course Level: 2 (EQ-Equally Rigorous)

PRE- AICE BIOLOGY IGCSE LEVEL

20003220

1 Credit

The purpose of this course is to provide exploratory experiences, laboratory, and real-life applications in the biological sciences. Course Level: 3 (BI-Biology)

BIOLOGY I

20003100

1 Credit

A survey course designed to develop an understanding and appreciation of living organisms. Inquiry, observation, field study and experimentation provide a scientific view of our world. Contents include: cell structure and function, biochemistry, genetics, taxonomy, human systems, plants and animals. Course Level: 2 (BI-Biology)

AICE BIOLOGY 1 AS LEVEL

20003210

1 Credit

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The purpose of this course is to provide exploratory experiences, laboratory experience, and real-life applications in the biological sciences in an accelerated fashion. Course Level: 3 (EQ-Equally Rigorous)

CHEMISTRY 1

20033400

1 Credit

This is a lecture and laboratory course. The student will learn the importance of chemicals in our everyday life and how to make them work usefully in our world. This course would be helpful to a student planning to enter health services, cosmetology or laboratory services. Course Level: 2 (EQ-Equally Rigorous)

AICE CHEMISTRY 1 AS LEVEL

20033710

1 Credit

The purpose of this course is to provide an understanding of the composition and properties of matter, the changes associated with matter, and to encourage the application of this knowledge to social, environmental, economic, and technological concerns. Course Level: 3 (EQ-Equally Rigorous)

ANATOMY AND PHYSIOLOGY

20003500

1 Credit

A comprehensive study of the human body, designed primarily for college-bound students and/or those who are interested in medical or allied fields. Course Level: 2 (EQ-Equally Rigorous)

ANATOMY AND PHYSIOLOGY HONORS

20003600

1 Credit

This course provides in-depth activities relating to the structures and functions of the components of the human body. The content will cover anatomical terms of all systems of the body. Extensive laboratory investigations are an important part of the course. Course Level: 3 (EQ-Equally Rigorous)

ENVIRONMENTAL SCIENCE

20013400

1 Credit

This activity-oriented course explores topics in pollution, land use, and the role of the individual in both causing and solving problems related to the environment. Course Level: 2 (EQ-Equally Rigorous)

AICE ENVIRONMENTAL MANAGEMENT AS LEVEL

20013810

1 Credit

The purpose of this course to provide students with a knowledge of environmental processes and the impacts of societies on the environment, the scientific principles that underpin issues of sustainability and environmental management, the causes of key issues affecting the environment as well as possible ways of managing these, the pressures which impact on the environment and potential solutions to these. The syllabus is designed to encourage learning through suitable case studies, both local and global. Course Level: 3 (EQ-Equally Rigorous)

MARINE SCIENCE 1

20025000

1 Credit

This course provides the student with a survey of marine science. Laboratory activities that include the use of the scientific method, measurement, laboratory apparatus and safety are integral parts of this course. Course Level: 2 (EQ-Equally Rigorous)

AICE MARINE SCIENCE 1 AS LEVEL

20025150

1 Credit

This course provides a coherent and stimulating introduction to the science of the marine environment, with a concentration on the scientific study of the sea and its ecosystems. The emphasis throughout the course is on the understanding of concepts and the application of ideas to new contexts as well as on the acquisition of knowledge. The course will foster creative thinking and problem-solving skills which are transferable to any future career path. Course Level: 3 (EQ-Equally Rigorous)

PHYSICS 1

20033800

1 Credit

The purpose of this course is to provide students with an introductory study of the theories and law governing the interaction of matter, energy, and the forces of nature. Course Level: 2 (EQ-Equally Rigorous)

PRE-AICE PHYSICS IGCSE LEVEL

20034320

1 Credit

The purpose of this course is to provide opportunities to study the concepts, theories, and laws governing the interaction of matter, energy, and forces, and their applications through exploratory investigations and activities. Course Level: 3 (EQ-Equally Rigorous)

AICE PHYSICS AS LEVEL

20034310

1 Credit

The purpose of this course is to provide opportunities to study the concepts, theories, and laws governing the interaction of matter, energy, and forces, and their applications through exploratory investigations and activities. Course Level: 3 (EQ-Equally Rigorous)

ADVANCED PLACEMENT PHYSICS C: MECHANICS

20034300

1 Credit

AP Physics C: Mechanics is equivalent to a one-semester, calculus based, college-level physics course, especially appropriate for students planning to specialize or major in physical science or engineering. The course explores topics such as kinematics; Newton's laws of motion; work, energy and power; systems of particles and linear momentum; circular motion and rotation; and oscillations and gravitation. Introductory differential and integral calculus is used throughout the course. Course Level: 3 (EQ-Equally Rigorous)

SOCIAL STUDIES

WORLD HISTORY

21093100

1 Credit

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.

AICE INTERNATIONAL HISTORY 1 AS LEVEL

21004900

1 Credit

The purpose of this course is to enable students to understand the major international issues and their connection to the past which have shaped the world since the Second World War. Students will use knowledge pertaining to history, geography, economics, political processes, religion, ethics, diverse cultures and humanities to develop a historical perspective on many of the most important issues of the contemporary world. The course encourages teacher and students to view the study of history from 1945 to 1991 as a series of questions to be explored and analyzed, while explicitly encouraging the development of two fundamental historical skills, the construction of explanations and the use of source materials.

ADVANCED PLACEMENT HUMAN GEOGRAPHY

21034000

1 Credit

The purpose of this course is to introduce students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of the Earth's surface. Students employ spatial concepts and landscape analysis to analyze human social organization and its environmental consequences. They also learn about the methods and tools geographers use in their science and practice.

AICE UNITED STATES HISTORY 1 AS LEVEL

21005000

1 Credit

The purpose of this course is to enable students to understand the development of the United States within the context of history with a major focus on the transformation of the USA from an isolated agrarian society of the 1840's to the world's leading superpower. Students will demonstrate an understanding of the complexity of issues and themes within a United States historical period, and distinguish and assess different approaches to, interpretations of, and opinions about the United States past. The course explicitly encourages the development of two fundamental historical skills, the construct.

UNITED STATES GOVERNMENT

21063105

.5 Credit

The primary content for the course pertains to the study of government institutions and political processes and their historical impact on American society. Content includes the functions and purpose of government, the function of the state, the constitutional framework, federalism, separation of powers, functions of the three branches of government at the local, state and national level, and the political decision-making process.

ADVANCED PLACEMENT UNITED STATES GOVERNMENT AND POLITICS

21064205

.5 Credit

The purpose of Advanced Placement American Government and Politics is to give students a critical perspective on government and politics in the United States. This course involves both the study of general concepts used to interpret American politics and the analysis of specific case studies.

ECONOMICS WITH FINANCIAL LITERACY

21023355

.5 Credit

The primary content emphasis for this course pertains to the study of the concepts and processes of the national and international economic systems. Content should include, but is not limited to, currency, banking, and monetary policy, the fundamental concepts relevant to the major economic systems, the global market and economy, major economic theories and economists, the role and influence of the government and fiscal policies, economic measurements, tools, and methodology, financial and investment markets, and the business cycle.

PSYCHOLOGY 1

21073005

.5 Credit

The purpose of these courses is to provide students with the opportunity to acquire an understanding of human behavior, behavioral interaction, and the progressive development of individuals. Topics will include an overview of the theories and methods of study employed by psychologists, memory and cognition, human growth and development, personality, abnormal behavior, psychological therapies, stress/coping strategies, and mental health.

AICE PSYCHOLOGY 1 AS LEVEL

21073600

1 Credit

The purpose of this course is to provide an introduction to psychological concepts, theories, research findings, and applications; to create an understanding of the range and limitations of psychological theory and practice; to encourage student to explore and understand the relationship between psychological findings and everyday life; to develop skills of analysis, interpretation, application and evaluation; to promote an appreciation and understanding of individual, social and cultural diversity; to develop an understanding of ethical issues in psychology including the moral and ethical implications of psychological research; to explore and understand the relationship between psychological findings and social, cultural and contemporary issues; to study psychological principles, perspectives and applications; and to encourage the development of the skill of communication.

AICE PSYCHOLOGY 2 A LEVEL

21073700

1 Credit

The purpose of this course is to provide an introduction to psychological concepts, theories, research findings, and applications; to create an understanding of the range and limitations of psychological theory and practice; to encourage students to explore and understand the relationship between psychological findings and everyday life; to develop skills of analysis, interpretation, application and evaluation; to promote an appreciation and understanding of individual, social and cultural diversity; to develop an understanding of ethical issues in psychology including the moral and ethical implications of psychological research; to explore and understand the relationship between psychological findings and social, cultural and contemporary issues; to study psychological principles, perspectives and applications; and to encourage the development of the skill of communication.

SOCIOLOGY

21083005

.5 Credit

The purpose of this course is to provide students with the opportunity to acquire an understanding of group interaction and its impact on individuals for a greater awareness of the beliefs, values and behavior patterns of others.

AICE SOCIOLOGY 1 AS LEVEL

21083100

1 Credit

This course offers students 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.

AICE SOCIOLOGY 2 A LEVEL

21083200

1 Credit

Candidates and Centres need to cover at least three units. The syllabus allows candidates to study sociology in the context of different societies, including their own, and from a wider global perspective. The distinction between traditional and modern industrial societies is a central theme in most of the study units.

AICE GLOBAL PERSPECTIVES & INDEPENDENT RESEARCH 1 AS LEVEL

17003640

1 credit

Cambridge IGCSE Global Perspectives is a groundbreaking new course that is cross-curricular, stretching across traditional subject boundaries. It taps into the way today's students enjoy learning – including group work, seminars, projects, and working with other students around the world. The emphasis is on developing the ability to think critically about a range of global issues where there is always more than one point of view.

