

COURSE SELECTIONS

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For more details please visit <http://www.broward.k12.fl.us/k12programs/resources.html> and click on 2010/2011 Graduation Requirements and Course Offerings pages 5 - 27.

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VISUAL ARTS

Drawing & Painting 1 01043200

Credit: 1.0

Grade Level: 9-12

Drawing and Painting I provides for the study of composition in drawing, painting and design, including its symbolic use in aesthetic expression. Function of line and mass in visual terms will be studied. Two-dimensional expressions in art history will be examined for transition and influence toward contemporary art. A variety of media will be explored using traditional and innovative methods. Students will learn to evaluate artworks using appropriate vocabulary and criteria. 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 knowledge of drawing and painting media, processes, and techniques. This course incorporates hands-on activities and consumption of art materials.

PREREQUISITE: None

Special Note: Will meet graduation requirement for Performing Fine Arts.

Drawing & Painting 2 01043300

Credit: 1.0

Grade Level: 9-12

Drawing and Painting 2 is an advanced level course in which students will build upon the skills, knowledge, and concepts acquired in Drawing and Painting 1 to achieve a higher level of understanding of concepts and composition. Students will be required to maintain a sketch book and present

a portfolio. The purpose of this course is to enable students to further develop perceptual, observational, and compositional skills necessary to communicate a range of subject matter, symbols, ideas, and concepts using knowledge of drawing and painting media, processes, and techniques. This course incorporates hands-on activities and consumption of art materials.

PREREQUISITE: Drawing and Painting 1 or Art teacher approval

Special Note: Will meet graduation requirement for Performing Fine Arts.

Drawing & Painting 3 Honors 01044000

Credit: 1.0

Grade Level: 11-12

Drawing and Painting 3 provides for the advanced study of subject matter, form and content. The purpose of this course is to assist students in developing skills in problem formulation and critical analysis in the production of drawings and paintings. The course will provide students the opportunity to develop the aesthetic, imaginative, creative facilities and train visual awareness, perception and criticism of the arts of various cultures in the production of drawings and paintings.

PREREQUISITE: Drawing and Painting 2 and Art teacher approval

Special Note: Will meet graduation requirement for Performing Fine Arts.

Adv. Placement Art 2-D Design Portfolio 01093500

Credit: 2.0

Grade Level: 10-12

This portfolio is intended to address a very broad interpretation of two-dimensional design issues. This type of design involves purposeful decision making about how to use the elements and principles of art in an integrative way. The elements of design (line, shape, illusion of space, illusion of motion, pattern and texture, and value and color) are like a palette of possibilities that artists use to express themselves. The principles of design help guide artists in making decisions about how to organize the elements on a picture plane in order to communicate content. These principles include unity/variety, balance/emphasis/rhythm, and proportion/scale. For this portfolio, students are asked to demonstrate proficiency in two dimensional design using a variety of art forms. These could include, but are not limited to: graphic design typography, digital imaging, photography, collage, fabric design, weaving, illustration, painting, and printmaking. A variety of approaches to representation, abstraction, and expression may be part of the student's portfolio. Students are expected to submit a portfolio to seek Advanced Placement credit.

PREREQUISITE: Drawing & Painting 3, Computer Art 1 or Photography 3 and teacher approval.

Special Note: Will meet graduation requirement for Performing Fine Arts.

Advanced Placement Art - Drawing Portfolio 01043000

Credit: 2.0

Grade Level: 10-12

Advanced Placement Art - Drawing Portfolio is designed to address a very broad interpretation of drawing issues. For example, many types of painting, printmaking, and studies for sculpture, as well as abstract and observational works, would qualify as addressing drawing issues. For this portfolio students are asked to demonstrate proficiency in drawing using a variety of mediums and techniques and are expected to submit a portfolio as evidence of the course of study. The purpose of this course is to give advanced students the opportunity

to develop quality, concentration, and discipline in drawing. Students are expected to submit a portfolio to the College Board to seek AP credit.

PREREQUISITE: Drawing 3 and Art teacher approval

Special Note: Will meet graduation requirement for Performing Fine Arts. Three-Dimensional

Art/Sculpture 01113000

Credit: 1.0

Grade Level: 9-12

Three-dimensional Art/Sculpture will provide for studio production and art appreciation in three dimensional media such as paper, fibers, plaster, clay, wood and plastics. Basic compositional skills using line, shape, texture, form and space will be practiced through modeling, forming, construction and carving. Students will learn to evaluate sculpture using appropriate vocabulary and criteria. The purpose of this course is to enable students to develop fundamental skills necessary to communicate a range of ideas using knowledge of three dimensional art and sculpture media, design, processes, and techniques. This course incorporates hands-on activities and consumption of art materials.

PREREQUISITE: None

Special Note: Will meet graduation requirement for Performing Fine Arts.

Sculpture 1 01113100

Credit: 1.0

Grade Level: 10-12

Sculpture I provides for studio production and appreciation in three-dimensional media such as plaster, clay, wood, metal, plastics and paper. Modeling, forming, additive and subtractive methods of sculpture will be used to master representation or abstractions of the natural world. The purpose of this course is to enable students to develop skills in the use of sculpture media, design, and techniques. Emphasis shall be placed on the use of visual and spatial concepts to communicate a range of ideas. This course incorporates hands-on activities and consumption of art materials.

PREREQUISITE: Three Dimensional Art/Sculpture or Art teacher approval

Special Note: Will meet graduation requirement for Performing Fine Arts.

Sculpture 2 01113200

Credit: 1.0

Grade Level: 11-12

Sculpture 2 will provide the student an opportunity to utilize technical and compositional skills for expression in sculpture.

PREREQUISITE: Sculpture 1 and Art teacher approval

Special Note: Will meet graduation requirement for Performing Fine Arts.

Ceramics/Pottery 1 01023000

Credit: 1.0

Grade Level: 10-12

Ceramics/Pottery 1 provides a recognition of properties, limitations and possibilities of clay, a basic understanding of clay construction through hand-building techniques, investigation of decorating techniques and demonstration of skill with ceramic tools. The purpose of this course is to enable students to recognize the properties, possibilities, and limitations of clay by creating functional and nonfunctional works of ceramics and pottery using basic hand-building techniques. This course incorporates hands-on activities and consumption of art materials. Students will also learn how to analyze and interpret ceramics works of art.

PREREQUISITE: Three Dimensional Art/Sculpture and Art teacher Approval

Special Note: Will meet graduation requirement for Performing Fine Arts.

Ceramics/Pottery 2 01023100

Credit: 1.0

Grade Level: 11-12

Ceramics/Pottery 2 will include the investigation of the ceramic process via various utilitarian and non-utilitarian projects, the combining of several elements into a new form or whole, the development of a sensitivity to clay, and will include the practice and successful use of forming techniques. Skills using potter's tools will be required for the production of clay pieces, including coil, slab and pinch methods. The purpose of this course is to enable students to recognize the properties, possibilities, and limitations of clay by creating functional

and non-functional works of ceramics and pottery using intermediate-level hand-building and basic wheel-throwing techniques. This course incorporates hands-on activities and consumption of art materials. Students will also learn how to analyze and interpret ceramics works of art.

PREREQUISITE: *Ceramics/Pottery 1 and Art teacher approval*

Special Note: *Will meet graduation requirement for Performing Fine Arts.*

Ceramics/Pottery 3
01023200

Credit: 1.0
Grade Level: 10-12

The purpose of this course is to enable students to recognize the properties, possibilities, and limitations of clay by creating functional and non functional works of ceramics and pottery using advanced hand-building, intermediate-level wheel-throwing, and firing techniques. This course incorporates hands-on activities and consumption of art materials.

PREREQUISITE: *Ceramics/Pottery 2 or Art teacher approval.*

Special Note: *Will meet graduation requirement for Performing Fine Arts.*

Animation 01083000

Credit: 1.0
Grade Level: 10-12

The purpose of this course is to enable students to develop knowledge and competence necessary to conceive and create moving images on a pre-professional level. This course incorporates hands-on activities and consumption of relevant art materials. Access to specialized video equipment and relevant software is required. Animation and/or experimental films may be developed in this course.

PREREQUISITE: *Drawing and Painting course or Art teacher approval.*

Special Note: *Will meet graduation requirement for Performing Fine Arts.*

Advanced Placement Art 3-D Design Portfolio
01093600

Credit: 2.0
Grade Level: 11-12

This portfolio is intended to address a very broad interpretation of sculptural issues in depth and space. These may include mass, volume, form, plane, light, and texture. Such elements and concepts can be articulated through additive, subtractive, and/or fabrication processes. A variety of approaches to representation, abstraction, and expression may be part of the student's portfolio. These

might include, among others, traditional sculpture, architectural models, apparel, ceramics, fiber arts, or metalwork. Students are expected to submit a portfolio of study to the college board to seek AP credit.

PREREQUISITE: *Art teacher approval, Sculpture 2 or Ceramics 2*

Special Note: *Will meet graduation requirement for Performing Fine Arts.*

Computer Graphics
01033000

Credit: 1.0
Grade Level: 10-12

Computer Graphics provides for hands-on experience with available computer hardware and graphics software. Students will explore the use of computer graphics in advertising, business and fine art. Students will produce and present a sequential graphics program. The purpose of this course is to enable students to use digital technology to create works of art that reflect knowledge of the elements of art and principles of design.

PREREQUISITE: *Drawing and Painting I and Art teacher approval*

Special Note: *Will meet graduation requirement for Performing Fine Arts. This course incorporates hands-on activities and consumption of art materials.*

Computer Graphics 2
01033100

Credit: 1.0
Grade Level: 10-12

Advanced Computer Graphics will provide students with experiences in the identification and in-depth investigation of the application of the computer. Students will build on skills and concepts learned in Computer Graphics expanding into diverse applications of design utilizing available computer programs.

PREREQUISITE: *Computer Graphics and Art teacher approval*

Special Note: *Will meet graduation requirement for Performing Fine Arts.*

Computer Graphics 3
01033400

Credit: 1.0
Grade Level: 11-12

Computer Art 1 will provide students with experiences in the applications of computer generated imagery to works of art. Students will explore and develop expressive ideas utilizing available technology. The purpose of this course is to further understanding of visual technology aesthetics and critical analysis.

PREREQUISITE: *Advanced Computer Graphics and Art teacher approval.*

AP Art History
01003000

Credit: 2.0
Grade Level: 10-12

The AP offering in Art History is designed to provide the same benefits to secondary students as those provided by an introductory college course in art history: an understanding and knowledge of architecture, sculpture, painting, and other art forms within diverse historical and cultural contexts. Major forms of artistic expression from the past and the present are examined and students will learn to look at art critically, with intelligence and sensitivity, and to analyze what they see. Study will be enhanced through the use of the latest available technology and hands-on projects.

PREREQUISITE: *Teacher approval*

Creative Photography 1
01083100

Credit: 1.0
Grade Level: 10-12

Creative Photography 1 provides for the study of black and white photography. Students will study the history of photography, cameras, digital imagery and darkroom processing. The purpose of this course is to enable students to develop fundamental skills in photographic imagery, processes, and techniques. This course incorporates hands-on activities and consumption of relevant art materials.

PREREQUISITE: *Drawing & Painting 1 and art teacher approval.*

SPECIAL NOTE: *Will meet graduation requirement for Performing Fine Arts.*

Creative Photography 2
01083200

Credit: 1.0
Grade Level: 10-12

Creative Photography 2 provides for a study of photography as a visual communication which can be discussed in terms of technical as well as aesthetic qualities. Laboratory work will continue content of Creative Photography 1, with more advanced control of lighting. The purpose of this course is to enable students to further develop skills in photographic imagery, processes, and techniques. This course incorporates hands-on activities and consumption of relevant art materials.

PREREQUISITE: *Creative Photography 1 and Art teacher approval.*

SPECIAL NOTE: *Will meet graduation requirement for Performing Fine Arts.*

Creative Photography 3
Honors 01083301

Credit: 1.0
Grade Level: 11-12

Creative Photography 3 provides experiences with advanced photographic processes. Photographic compositional skills and technical quality are stressed. Content will be covered through independent photo assignments with ongoing evaluation of negatives, contact prints, prints, and mounting of prints.

PREREQUISITE: *Creative Photography 2 and Art teacher approval.*

SPECIAL NOTE: *Will meet graduation requirement for Performing Fine Arts.*

Drama 1
04003100

Credit: 1.0
Grade Level: 9-12

The purpose of this course is to provide in-depth experiences in the study and practice of theatre arts and literature. The content should include, but not be limited to, the following: overview of the history of theatre and literature of the theatre; introduction to the fundamentals of theatre production, including scenery construction, costuming, lighting, and make-up; and the fundamentals of acting.

PREREQUISITE: *School guidelines.*

Special Note: *Meets graduation requirements for Performing Fine Arts.*

Drama 2-4
Credit: 1.0

Grade Level: 9-12
1204003200

Grade Level: 11-12
04003300

Grade Level: 12
04003400 (H)

The purpose of this course is to provide for the development of intermediate skills useful to the study and practice of theatre arts.

The content should include, but not be limited to, the following: reading and interpretation of dramatic literature; techniques and mechanics of acting; set, costume, and lighting design; other features of stagecraft; character analysis and portrayal; interpretive and analytical study of plays; and production of plays and other dramatic presentations.

PREREQUISITE: *Teacher recommendation and school guidelines.*

Special Note: *Meets graduation requirements for Performing Fine Arts.*

Musical Theater
13003900

Credit: 1.0
Grade Level: 10-12

Musical Theater provides

an opportunity to study and perform scenes from varied styles of musical theater with special attention to the fundamentals of stage movement, acting, characterization, and all other aspects of the production of a musical. The content should include, but not be limited to, the following: performance and auditioning techniques (dance, acting, singing); music theory and sight singing; production techniques (lighting, sound, set design, costuming, make-up, stage direction); analysis and evaluation of musical theater performance; vocational and recreational pursuits in musical theater; connections between musical theater and other subject areas; role and influence of musical theater in history, culture, society, and individual lifestyles.

PREREQUISITE: *Musical Theater Teacher's approval*

SPECIAL NOTE: *The course requirements contained in this course description are designed for a one credit course. This Course may be repeated by a student for multiple credits if, on subsequent offerings, the required level of student proficiency increases. This course requires extra rehearsals and performances beyond the school day.*

Stagecraft 1
04004100

Credit: 1.0
Grade Level: 10-12

The purpose of this course is to introduce students to the fundamentals of technical theatre. The content should include, but not be limited to, the following: scenery construction, costuming, make-up, lighting, sound, set design, properties.

PREREQUISITE: *None.*
Special Note: *Meets graduation requirements for Performing Fine Arts.*

Stagecraft 2
04004200

Credit: 1.0
Grade Level: 10-12

The purpose of this course is to provide students with practical experience in stagecraft procedures. The content should include, but not be limited to, the following: study of scenery construction and set design; methods and procedures for sound, lighting, costuming, properties, and make-up in theatrical productions.

PREREQUISITE: *None*
Special Note: *Meets graduation requirements for Performing Fine Arts.*

CAREER EDUCATION

The programs listed below are designed for students to take a series of courses in a particular area. Students completing programs and who meet grade requirements will be eligible for scholarships and possible college credit.

1) MARKETING

- Finance
- Marketing
- Business Management & Law
- Entrepreneurship
- Floral Design and Marketing

2) HEALTH SCIENCE EDUCATION

- Allied Health
- First Responder
- Medical Skills

3) TECHNOLOGY STUDIES

- Engineering Technology

4) MEDIA

- Television Production
- Journalism

6) INTERIOR DESIGN

MARKETING

FINANCE

Finance is an honors program designed for students who desire to study personal finance and business. There are five components to finance, 4 classes over two or three years and a summer internship. Students need to apply for acceptance to this program.

- Financial and Business Technology 9-12
- Personal Financial Planning Honors 12
- Financial Applications 9-12
- Financial Operations Honors 11-12
- Accounting Applications I 9-12

Financial and Business Technology (TP) 88151500
Credit: 1.0
Grade Level: 9-12

This course provides students with a 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 microcomputer applications with commercially prepared software in the areas of text editing, database management, business records, bookkeeping, and electronic spreadsheets are covered. DECA, "An Association of Marketing Students" is the appropriate ca-

reer and technical student organizations for providing leadership training and for reinforcing specific career and technical skills. DECA shall be an integral part of the career and technical instructional program, and the activities of the organization are defined as part of the curriculum.

PREREQUISITE: None
Teacher approval. Students must complete Financial Computing before internship.

Financial Operations Honors 88151100

Credit: 1.0

Grade Level: 11-12

This course presents basic topics in macro and micro-economics, 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, "An Association of Marketing Students" is the appropriate career and technical student organizations for providing leadership training and for reinforcing specific career and technical skills. DECA shall be an integral part of the career and technical instructional program, and the activities of the organization are defined as part of the curriculum.

PREREQUISITE: Teacher approval.

Accounting Applications 1 82033100

Credit: 1.0

Grade Level: 10-12

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. Automated accounting activities using spreadsheet and accounting software are included.

PREREQUISITE: None
SPECIAL NOTE: BF/Gold Seal only

Personal Financial Planning Honors (TP) 88151200

Credit: 1.0

Grade Level: 11-12

This honors course in the Academy of Finance Program 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 and Financiers provide leadership training experiences and reinforce specific technical skills. These activities are considered an integral part of this instructional program. BPA is the appropriate career and Technical student organization for proving co-curricular leadership training and reinforcing specific career and technical skills. DECA membership is strongly encouraged.

ENTREPRENEURSHIP

The Entrepreneurship Program provides students with the opportunity to study the concepts of small business ownership. This program consists of three courses of study and an optional cooperative education on-the-job training experience for selected seniors.

Courses:

- 1.) Principles of Entrepreneurship 9-12
2.)Business Ownership 9-12
3.)Business Management and Law

Principles of Entrepreneurship 88121100

Credit 1.0

Grade Level 9-12

This course provides instruction in the basic principles of entrepreneurship including the role of the entrepreneur, entrepreneurship as a career, ethics in business, and the principles of marketing, financing, and managing a business. DECA is the appropriate career and technical student organization for providing co-curricular leadership training and reinforcing specific course skills. DECA membership is strongly encouraged.

Prerequisite: NONE

Business Ownership 88120000

Credit 1.0

Grade Level 10-12

The purpose of this course if to prepare students as entrepreneurs, present entrepreneurship as a career path that is worth consideration, provide students with the skills needed to realistically evaluate their potential as a business owner, and develop the fundamental knowledge and skills necessary to start and operate a business. DECA is the appropriate career and technical student organization for providing co-curricular leadership training and reinforcing specific course skills. DECA membership is strongly encouraged

Prerequisite: Business Management and Law or concurrent enrollment

Business Management and Law 88121200

Credit 1.0

Grade Level 9-12

This course is designed to provide an introduction to business management techniques. Topics include human relations, decision making, communication techniques, business law concepts, and characteristics of the American enterprise system. DECA is the appropriate career and technical student organization for providing co-curricular leadership training and reinforcing specific course skills. DECA membership is strongly encouraged.

Prerequisite: Principles of Entrepreneurship or concurrent enrollment

Marketing Essentials (TP) 88271100

Credit: 1.0

Grade Level: 9-12

SPECIAL NOTE: Successful completion of this three course program is one of the requirements for the Vocational Gold Seal Endorsement and will allow students to earn credit at Broward Community College, after the completion of specified courses at the community college level. The purpose of this course is to develop the competencies essential to marketing. These competencies include human relations, employability, communications, math and economic skills. The fundamentals of marketing and selling are also included. Learning activities, within and outside of the classroom, are an integral part of this program. DECA is the appropriate career and technical student organization for proving co-curricular leadership training and reinforcing specific career and technical skills. DECA membership is strongly encouraged.

PREREQUISITE: NONE
SPECIAL NOTE: BF/Gold Seal Only (TP) indicates a

course leading to a Tech Prep area of study.

Marketing Applications (TP) 88271200

Credit: 1.0

Grade Level: 9-12

This course is designed to provide students with an in-depth study of marketing in a free enterprise society and provide the knowledge, skills, and attitudes required for employment in a wide variety of marketing occupations. DECA, "An Association of Marketing Students," is the appropriate career and technical student organization for providing leadership training and reinforcing specific career and technical skills.

PREREQUISITE: Marketing Essentials or concurrent enrollment

SPECIAL NOTE: BF/Gold Seal Only (TP) indicates a course leading to Tech Prep area of study

SPECIAL NOTE: Successful completion of the three course program is one of the requirements for the Vocational Gold Seal Endorsement and will allow students to earn credit at Broward Community College, after the completion of specified courses at the community college level.

Marketing Management 3 (TP) (Honors) 8827130H

Credit: 1.0

Grade Level: 11-12

Marketing Management provides instruction for career sustaining level employment in the industry. The content includes applied skills related to the marketing functions including employment skills reoccupations. On-the-job experiences are provided which will develop occupational competencies required for employment in the occupation chosen by the student as a career choice or provide experiences that further develop the competencies acquired by the student in an in-school job preparatory program. DECA is the appropriate career and technical student organization for proving co-curricular leadership training and reinforcing specific career and technical skills. DECA membership is strongly encouraged.

PREREQUISITE: Marketing Essentials or concurrent enrollment, but must have completed Marketing Essentials. Teacher approval required.

Marketing Direct Study 88001000

Credit: 1 or 2

Grade Level: 12

PREREQUISITE: *Marketing Applications or concurrent enrollment.*
SPECIAL NOTE: *BF/Gold Seal Only (TP) indicates a course leading to a Tech Prep area of study.*

Marketing Cooperative Education OJT
88004100
Semester 1
2nd Period 8800410A
3rd Period 8800410B
4th Period 8800410C
Semester 2
2nd Period 8800410D
3rd Period 8800410E
4th Period 8800410F
Credit: 1 or 2
Grade Level: 11-12

The purpose of this course is to provide the on-the-job component when the cooperative method of instruction is used to prepare students for employment in marketing occupations. On-the-job experiences are provided which will develop occupational competencies required for employment in the occupation chosen by the student as a career choice or provide experiences that further develop the competencies acquired by the student in an in-school job preparatory program. DECA is the appropriate career and technical student organization for providing co-curricular leadership training and reinforcing specific career and technical skills. DECA membership is strongly encouraged.

PREREQUISITE: *Teacher approval*

MEDIA

TELEVISION PRODUCTION

The purpose of this program (grades 9-12) is to prepare students for initial employment as television production operators, television broadcast technicians, camera operator, all other professional/para-professional technicians, video recording engineers, audio recording engineers. The content should include, but is not be limited to, communication skills; leadership skills; human relations and employability skills; safe and efficient work practices; and preparation to assume responsibility for overall production of television studio activities including: scripts, lighting, filming and directing, electronic news gathering, and field production. SkillsUSA is the appropriate career and technical student organization for providing co-curricular leadership training

and reinforcing specific course skills. Skills USA membership is strongly encouraged.

Television Production 1, Credit: 1
87721100
Television Production 2, Credit: 1
87721200
Television Production 3, Credit: 1
87721300
Television Production 4, Credit: 1
87721400
Television Production 5, Credit: 1
87721500
Television Production 6, Credit: 1
87721600
Television Production 7, Credit: 1
87721700
Television Production 8, Credit: 1
87721800

ACADEMY OF JOURNALISM

The purpose of this program is to prepare students for employment as writers and editors. This program provides a medium whereby the student will be given the opportunity for practical hands-on experiences that incorporate academic skills into a real life situation. The program familiarizes individuals with creative writing, script writing, graphic communications, desktop publishing, television production, photojournalism, and investigative reporting. SkillsUSA is the appropriate career and technical student organization for providing co-curricular leadership training and reinforcing specific course skills. SkillsUSA membership is strongly encouraged.

Courses:
Journalism 1
Industrial Communications 1
Digital Design 1
Web Design 1

Broadcast Journalism
1006300A
Credit 1.0
Grades 9-12

This course is designed to develop basic entry-level skills required for careers in the writing and editing industry. SkillsUSA is the appropriate career and technical student organization for providing co-curricular leadership training and reinforcing specific course skills. SkillsUSA membership is strongly encouraged.

PREREQUISITE: *NONE*

Industrial Communications 1
87711100
Credit 1.0

Grades 9-12

This course is designed to develop basic entry-level skills required for careers in the communications industry. Skills USA is the appropriate career and technical student organization for providing co-curricular leadership training and reinforcing specific course skills. SkillsUSA membership is strongly encouraged.

PREREQUISITE: *Journalism 1 or concurrent enrollment*

Digital Design 1
82095100
Credit 1.0
Grades 9-12

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. SkillsUSA is the appropriate career and technical student organization for providing co-curricular leadership training and reinforcing specific course skills. SkillsUSA membership is strongly encouraged.

PREREQUISITE: *Industrial Communications 1 or concurrent enrollment*

Web Design 1
82071100
Credit 1.0
Grades 9-12

This course is designed to provide a basic overview of the Internet, Intranet, and the World Wide Web (WWW). The content includes operating systems; basic HTML commands; navigation of the Internet, Intranet, and Web; and Web page design. SkillsUSA is the appropriate career and technical student organization for providing co-curricular leadership training and reinforcing specific course skills. SkillsUSA membership is strongly encouraged.

PREREQUISITE: *Digital Design 1 or concurrent enrollment*

INTERIOR DESIGN

The Interior Design Services program (grades 9-12) is designed to prepare students for initial employment or continued study in the Interior Design/Decorating industry. This program focuses on broad transferable skills and stresses the understanding and demonstration of the following aspects of the residential design and decoration industry: planning, management, finance, technical and production skills; underlying principles of

technology, labor issues, community issues, and health, safety, and environmental issues. FCCLA is the appropriate career and technical student organization for providing co-curricular leadership training and reinforcing specific course skills. FCCLA membership is strongly encouraged.

Design Services Core
8506405I
Credit 1.0
Grades 9-12

This course is the core course of the Interior Design Service program. It is designed to develop competencies in the area of the interior design/decorating industry. It includes essential basic skills for working in design services, leadership and organizational skills, basic principles of design, textile characteristics and care, employability skills, relationship of human factors to design services, safe use of tools and equipment, and selection of appropriate materials. FCCLA is the appropriate career and technical student organization for providing co-curricular leadership training and reinforcing specific course skills. FCCLA membership is strongly encouraged.

PREREQUISITE: *NONE*

Principles of Interior Design
85065400
Credit 1.0
Grades 9-12

This course is the second course in the Interior Design Services program. It is designed to further develop competencies in the area of the interior design services. It includes employment opportunities in interior design services, basic skills essential to working in this industry, employability skills, the elements and principles of design, sales techniques and entrepreneurship. FCCLA is the appropriate career and technical student organization for providing co-curricular leadership training and reinforcing specific course skills. FCCLA membership is strongly encouraged.

PREREQUISITE: *Design Services Core*

Interior Design Techniques
85065500
Credit 1.0
Grades 9-12

This is the third course in the Interior Design Services program. It is to further develop competencies in the area of interior design services. It includes components of the design process, the effect of history and culture on design, sketching and free hand draw-

ing, the impact of human, environmental and ergonomic factors on design, rendering techniques, and the development of a design project. FCCLA is the appropriate career and technical student organization for providing co-curricular leadership training and reinforcing specific course skills. FCCLA membership is strongly encouraged.

PREREQUISITE: *Principles of Interior Design*

Interior Design Specialist (H)
85065600
Credit 1.0
Grades 10-12

This course is the fourth course in the Interior Design Services program. It is designed to further develop competencies in the area of interior design services. This course focuses on four specialty areas of interior design services: kitchen and bath planning; floor, wall, and window treatments; furniture, lighting and accessories; and audio visual and security systems. Students will select on one of those specialty areas and will be expected to follow the performance standards for that area. Students will develop a design project and finalize and submit a portfolio.

PREREQUISITE: *Interior Design Techniques*

HEALTH SCIENCE EDUCATION

Medical Skills and Services (TP)
84003200
Credit: 1.0
Grade Level: 9-12

This course provides students with practical competencies related to health decisions all individuals will make during their lifetime. Content includes common health skills, information related to disease prevention and maintenance of health, safety practices in carrying out medical instructions, adapting health principles to the home, legal aspects for the health consumer, and exploration of services provided by health professionals and community health agencies.

PREREQUISITE: *NONE (TP) indicates a course leading to a Tech Prep area of study.*

SPECIAL NOTE: *BF/GS ALLIED HEALTH HOSA is the appropriate career and technical student organization for providing co-curricular leadership training and reinforcing specific career and technical*

skills. HOSA membership is strongly encouraged.

Health Science 1 (H)
(TP) 84171000
Credit: 1.0
Grade Level: 9-12

This course is part of three courses which may be taken concurrently, or Health Science may be taken separately as a prerequisite to Health Science 2 and Allied Health Assisting 3. This course includes scientific concepts relating to health care based on structure and function of body system in health and disease. Complete program consists of Health Science 1, Health Science 2, and Allied Health Assisting 3.

PREREQUISITE: Health Science Instructor approval tech Prep area of study.
SPECIAL NOTE: BF/GS

Health Science 2 (H)
(TP) 84171100
Credit: 1.0
Grade Level: 10-12

This course is part of a program composed of three courses which may be taken concurrently, or Health Science 2 and Allied Health Assisting 3 may be taken concurrently following completion of Health Science 1 or Anatomy and Physiology. 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. Complete program consists of Health Science 1, Health Science 2 and Allied Health Assisting 3.

PREREQUISITE: Health Science 1, Instructor approval or Anatomy and Physiology. Transportation required. (TP) indicates a course leading to a Tech Prep area of study.
SPECIAL NOTE: F/GS

Allied Health Assisting 3 Honors (TP) 84171310
Credit: 1.0
Grade Level: 11-12

This course provides the opportunity to explore the characteristics of workers in major health career clusters. Also included are communication skills, legal and ethical practice, safe work practices, leadership and employability skills. Off campus clinical learning experiences are required. Complete program consists of Health Science 1, Health Science 2 and Allied Health Assisting 3.

PREREQUISITE: Health Science 1 or Anatomy and Physiology and concurrent enrollment in Health Science 2. Transportation required.
SPECIAL NOTE: BF/GS

Health Occupations Directed Study
84001000
Credit: 1.0
Grade Level: 11-12

This course may be taken only by a student who has completed or is currently completing Allied Health Assisting 3. The content is prescribed by the instructor based upon the individual student's identified health career interest. An individual instructional plan is developed by the instructor, with specific student performance standards, which must be mastered to earn credit. Off campus clinical learning experiences are required.

PREREQUISITE: Completion of or current enrollment in Allied Health Assisting 3.
SPECIAL NOTE: BF/GS

First Responder
84171710
Credit: 1.0
Grade Level: 10-12

First Responder is an instructional program that prepares individuals to provide initial care to sick or injured persons or as ambulance drivers and attendants. A First Responder may use this training for employment. The First Responder is the first to arrive at the scene of an injury, but does not have the primary responsibility for treating and transporting the injured person(s). First Responders may include law enforcement, life guard, fire services or basic life support non-licensed personnel who act as part of an organized emergency medical services team. HOSA is the appropriate career and technical student organization for providing co-curricular leadership training and reinforcing specific course skills. HOSA membership is strongly encouraged.

PREREQUISITE: Health

ENGINEERING TECHNOLOGY (ET)

The ET program offers students the opportunity to learn and create a variety of hands-on projects. Technology studies focus on CAD, CAM, engineering structures, research and design, and 3-D modeling. Skills USA is the appropriate career and technical student organization for providing co-curricular leadership training and reinforcing specific career and technical skills. Skills USA membership is strongly encouraged.

Intro to Engineering
86005500
Credit: 1.0
Grade Level 9-12

This course provides students with a foundation of knowledge and technically oriented experiences in the study of the engineering technologies and its effects upon our lives and the choosing of an application in the engineering field. Students will use teaming concepts to study various engineering technologies. This course satisfies the computer requirement needed for graduation. The program consists of Introduction to Engineering Design, Principles of Engineering, & Computer Integrated Manufacturing.

Principles of Engineering
86005200
Credit: 1.0
Grade Level: 10-12

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.

PREREQUISITE: Intro to Engineering.

Computer Integrated Manufacturing (H)
86005600
Credit: 1.0
Grade Level: 10-12

This course applies principles of robotics and automation. The course builds on computer solid modeling skills developed in Introduction to Engineering Design, and Design and Drawing for Production. Students use CNC equipment to produce actual models of their three-dimensional designs.
PREREQUISITE: Principles of Engineering

WORLD LANGUAGES CLASSICAL LANGUAGE

Latin 1
07063000
Credit: 1.0
Grade Level: 9-12

Latin 1 introduces students to fundamental Latin vocabulary and grammar, and to classical culture. Specific content includes, but is not limited to, English derivatives and vocabulary based on Latin, basic grammatical structures of Latin; simple short stories for comprehension, including their translation into English; classical heroes and legends, with special attention to classical myths; and selected aspects of life in a Roman family.

PREREQUISITES: None
Special Note: Meets Florida Academic Scholars Program Requirements for World Languages. SUS/BF, NCAA

Latin 2
07063100
Credit: 1.0
Grade Level: 9-12

Latin 2 provides a more intensive study of the Latin language and the Roman history and culture. Latin II continues with the same content and concepts of Latin I, stressing the grammar and vocabulary necessary for the reading and appreciation of Latin authors, particularly Caesar's writings. This reading increases the students' understanding of sentence structure, English word-origin, and Roman history and customs.

PREREQUISITES: Latin 1 and Mastery of Student Performance Standards corresponding to Latin I and teacher recommendation.

Special Note: Meets Florida Academic Scholars Program Requirements for World Languages. SUS/BF, NCAA

Latin 3 (H)
07063200
Credit: 1.0
Grade Level: 10-12
Advanced Placement Latin Virgil
07063700
Credit: 1.0

Latin III continues the study of the Latin language and the Roman history and culture covered in Latin II. Specific content includes, but is not limited to, the review and expansion of the essentials of Latin grammar; readings in prose; the study of the Roman civilization through its literature with emphasis on politics, history and mythology; and intensive derivative study to refine the students' English vocabulary. Specific content includes but is not limited to a general view of literature of the Augustan Age with emphasis on the study of Virgil and other authors, their lives and works.

PREREQUISITES: Latin II or Mastery of Student Performance standards corresponding to Latin II and teacher recommendation. **Special Note:** Meets Florida Academic Scholars Program Requirements for World Languages. SUS/BF, NCAA

Latin 4 (H)
07063300
Credit: 1.00
Grade Level: 11-12

Latin IV provides the ad-

vanced Latin student an opportunity to study Latin epic and lyrical poetry with the purpose of expanding vocabulary, reinforcing forms and structures and developing social, literary, and critical thinking skills.

PREREQUISITES: Latin III or mastery of Student Performance Standards corresponding to Latin III and teacher recommendation.

MODERN WORLD LANGUAGE 1
Credit: 1.0

Grade Level: 9-12
Spanish 1 07083400
French 1 07013200
Italian 1 07053200
Grade Level: 10-12

Modern World Language 1 introduces students to the target language and its culture. The student will develop communicative skills and cross-cultural understanding. Specific content includes, but is not limited to, beginning skills in Listening and speaking with special attention to pronunciation. An introduction to reading and writing is also included as well as the fundamentals of grammar and culture.

PREREQUISITES: Grade of C or higher in Language Arts.

Special Note: Meets Florida Academic Scholars Program Requirements for World Languages. SUS/BF, NCAA

MODERN WORLD LANGUAGE 2
Credit: 1.0

Grade Level: 9-12
Spanish 2 07083500
French 2 07013300
Italian 2 07053300
Grade Level: 10-12

Modern World Language 2 reinforces the fundamental skills acquired by the students in Modern World Language 1. The course develops increased listening, speaking, reading, and writing skills as well as cultural awareness. Specific content to be covered is a continuation of listening and oral skills acquired in Modern World Language 1. Reading and writing receive more emphasis, while oral communication remains the primary objective. The cultural survey of the target language speaking people is continued.

PREREQUISITES: Grade of C or higher in Modern World Language 1 or mastery of Student Performance Standards corresponding to Modern World Language 1 and teacher recommendation.

Special Note: Meets Florida Academic Scholars Program Requirements for World Languages. SUS/BF, NCAA

MODERN WORLD LANGUAGE 3

Credit: 1.0

Grade Level: 9-12

Spanish 3 (H) 07083600

French 3 (H) 07013400

Italian 3 (H) 07053400

Modern World Language 3 provides mastery and expansion of skills acquired by the students in Modern World Language II. Specific content includes, but is not limited to, expansions of vocabulary and conversational skills through discussions of selected readings. Students' acquisition of grammatical concepts is strengthened by analyzing reading selections. Contemporary vocabulary stresses activities which are important to the everyday life of the target language speaking people.

PREREQUISITES: *Grade of C or higher in Modern World Language 2 or mastery of Student Performance Standards corresponding to Modern World Language 2 and teacher recommendation.*

Special Note: *Meets Florida Academic Scholars Program Requirements for world Languages. SUS/BF, NCAA*

MODERN WORLD LANGUAGE 4

Spanish 4 (H) 07083700

French 4 (H) 07013500

Italian 4 (H) 07053500

Credit: 1.0

Grade Level: 9-12

Modern World Language 4 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 skills. There is additional growth in vocabulary for practical purposes including writing. Reading selections are varied and taken from newspapers, magazines, and literary works.

PREREQUISITES: *Grade of C or higher in Modern World Language 3 or mastery of Student Performance Standards corresponding to Modern World Language 3 and teacher recommendation.*

Special Note: *Meets Florida Academic Scholars Program Requirements for World Languages. SUS/BF, NCAA*

MODERN WORLD LANGUAGE 5

Spanish 5 (H) 07083800

Credit: 1.0

Grade Level: 10-12

Modern World Language 5 expands the skills acquired by students in Modern World Language 4. Specific content to be covered

includes, but is not limited to, developing communication skills through oral reports on literary and cultural topics, current events, and personal experiences. Reading selections include newspaper and magazine articles, adaptations of short stories and plays, and surveys of target language literature. Writing is enhanced through composition using correct language structures.

PREREQUISITE: *Grade of C or higher Modern World Language 4 or mastery of Student Performance Standards corresponding to Modern World Language 4 and teacher recommendation.*

SPECIAL NOTE: *Meets Florida Academic Scholars Requirements for World Languages. SUS/BF, NCAA*

MODERN WORLD LANGUAGE 6

French 6

Italian 6 (H) 07053700

Credit: 1.0

Grade Level: 10-12

Modern World Language 6 expands the skills acquired by students in Modern World Language 5. Specific content includes, but is not limited to: 1) reinforcement of the students' ability to communicate and express ideas, feelings, and opinions, in oral and written forms, 2) further development of comprehension skills through the study of literary selections, and 3) reading and interpretation of works of great target language writers, while developing an understanding of major literary movements. The content should include, but not be limited to, the following:

- reinforcement of skills to communicate and express ideas, feelings, and opinions in oral and written forms

- further development of comprehension skills through the study of literary selections

- reading and interpretation of works of great target language speaking writers, while developing an understanding of major literary movements.

PREREQUISITE: *Modern World Language 5 or mastery of Student Performance standards corresponding to Modern World Language 5 and teacher recommendation.*

Special Note: *Meets Florida Academic Scholars Program Requirements for World Languages. NCAA*

Spanish for Spanish Speakers 1 07093000
Credit: 1.0

Grade Level: 9-12

This course focuses on and emphasizes the development of the student's ability to communicate idioms and feelings, both orally and in writing. Comprehension skills are taught through selected readings. Included in this course is the study of Spanish-speaking countries and their cultures.

PREREQUISITES: *Grade of C or higher in Language Arts. Special Note: Meets Florida Academic Scholars Program Requirements for World Languages. SUS/BF, NCAA*

Spanish for Spanish Speakers 2 07093100
Credit: 1.0

Grade Level: 9-12

This course reinforces the development of oral and written communication and the study of the lives and contributions of well-known twentieth century Spanish and Hispanic American historical figures, writers, artists, and musicians, as reflected in letters, speeches, and biographies. Included in this course is practice in descriptions of story characters, real persons, animals, and natural phenomena, as well as memorization of facts and ideas.

PREREQUISITES: *Grade of C or higher in Language Arts. Spanish for Speakers 1 or mastery of Student Performance Standards corresponding to Spanish for Spanish Speakers 1 and teacher recommendation.*

Special Note: *Meets Florida Academic Scholars Program Requirements for World Languages. SUS/BF, NCAA*

Spanish for Spanish Speakers 3 (H) 07093200
Credit: 1.0

Grade Level: 9-12

This course emphasizes the basic principles of communication through an analysis of different types of media, including library research, data gathering, and the writing of news articles. The course progresses into the study of selected literary works in prose and poetry as a basis for growth in interpretative skills and vocabulary, with analysis focusing on words of Greek and Latin origin.

PREREQUISITES: *Grade of C or higher in Spanish Speakers 2 or mastery of Student Performance Standards corresponding to Spanish for Spanish Speakers 2 and teacher recommendation.*

Special Note: *Meets Florida Academic Scholars Program Requirements for World Languages.*

SUS/BF, NCAA

Spanish for Spanish Speakers 4 (H) 07093300
Credit: 1.0

Grade Level: 9-12

This course expands the skills acquired by the students in Spanish for Spanish Speakers 3. The course covers, but is not limited to, a survey of Spanish literature including short stories. Emphasis is placed on further enhancement of composition writing, oral presentation, and discussion skills. Practice is provided in the writing of business letters.

PREREQUISITES: *Grade of C or higher in Spanish Speakers 3 or mastery of Student Performance Standards corresponding to Spanish for Spanish Speakers 3 and teacher recommendation.*

Special Note: *Meets Florida Academic Scholars Program Requirements for World Languages. SUS/BF, NCAA*

Humanities for International Studies 3 (H) 07143200

Humanities for International Studies 4 (H) 07143300

Credit: 1.0

Grade Level: 10-12

The purpose of this course is to expand previously acquired skills. The primary emphasis of this course is on a variety of areas taught in the target language. The content should include, but not be limited to, the following:

- Development of skills in various disciplines, such as history, geography, philosophy, and the arts.

- Recognize the contributions of the literature of other cultures to the formation of our culture.

- Perceive the historical development of art in western culture from the 18th century to modern times.

- Discern the historical development of music in western culture from the great masters to contemporary music.

- Demonstrate an understanding of the importance of specific historical events in the modern world.

- Exhibit knowledge about the physical environment and economic development of different world communities, especially Europe.
- Demonstrate an awareness of economic and social responsibilities.

Special Note: *Students must demonstrate a working knowledge of the target language and teacher recommendation.*

ADVANCED PLACEMENT MODERN WORLD LANGUAGE Spanish 6 (H) 07083900

Spanish Lang (non-native speaker) (AP) 07084000

Spanish Speakers 5 (H) 07093400

Spanish (native speaker) Lang (AP) 0708400A

Spanish Speakers 6 (H) 07093500

Spanish Literature (AP) 07084100

French 5 (H) 07013600

French Language (AP) 07013800

Italian 5 (H) 07053600

AP Italian 07053800

American Sign Lang 1 07173000

Credit: 1.0

Grade Level: 9-12

The purpose of this course is to teach hearing students basic conversational skills in American Sign Language (ASL) and awareness of various aspects of deafness. The content should include, but not be limited to, conversational vocabulary and the grammatical features and principles of ASL. The audiological, educational, social, cultural, and historical aspects of deafness are also included.

PREREQUISITES: *None*
Special Note: *May be substituted for Foreign Language University requirement. NCAA*

American Sign Lang 2 07173100

Credit: 1.0

Grade Level: 9-12

The purpose of this course is to further develop hearing student's knowledge of the American Sign language. The content should include, but not be limited to, conversational skills in ASL, its syntax and principles, and the cultural aspect of the deaf community. This course will provide students with an accumulated receptive and expressive vocabulary of 1,500 signs.

PREREQUISITES: *American Sign Language I (ASL I) or mastery of student Performance Standards corresponding to ASL I and teacher recommendation.*

Special Note: *May be substituted for World Language University requirement.*

American Sign Lang 3 07173120

Credit: 1.0 (H)

Grade Level: 10-12

The purpose of this course is to further develop hearing student's knowledge of the American Sign language. The content should include, but not be limited to, conversational skills in ASL, its syntax and principles, and the cultural aspect of the deaf community. This

course will provide students with an accumulated receptive and expressive vocabulary of 1,500 signs.

PREREQUISITES: *American Sign Language 2 (ASL 2) or mastery of student Performance Standards corresponding to ASL I and teacher recommendation.*

American Sign Lang 4
07173140

Credit: 1.0 (H)

Grade Level: 10-12

The purpose of this course is to further develop hearing student's knowledge of the American Sign language. The content should include, but not be limited to, conversational skills in ASL, its syntax and principles, and the cultural aspect of the deaf community. This course will provide students with an accumulated receptive and expressive vocabulary of 1,500 signs.

PREREQUISITES: *American Sign Language 3 (ASL 3) or mastery of student Performance Standards corresponding to ASL I and teacher recommendation.*

Special Note: *May be substituted for World Language University requirement.*

U.S. ARMY JROTC

Leadership Education and Training 1

18013000

Credit: 2.0

Grade Level: 9-12

Topics to be included are citizenship, Army customs and courtesies, techniques of oral communication, leadership, fitness, drill and ceremonies, first aid, substance abuse, map reading, American history, marksmanship and safety, and physical fitness.

Leadership Education and Training 2

18013100

Credit: 2.0

Grade Level: 10-12

Topics to be included are written expressions, principles and methods of instruction, leadership, ethics, management skills, first aid, CPR, map reading, American military history, American citizenship and values, career opportunities, the role of the U.S. Army, technology awareness, marksmanship and safety, and physical fitness. Honors credit is available to those cadets who fill student leadership positions based on their evaluated potential.

PREREQUISITE: *Lead-*

ership Education and Training 1

Leadership Education and Training 3

18013200

Credit: 2.0

Grade Level: 11-12

Topics to be included are interpersonal communication, leadership values and skills, leadership assessment, human relations, physical fitness, drill and ceremonies, saber drill, preventing and treating common emergencies, stress, depression and anxiety, substance abuse, use of the compass, military symbols and graphics, American military history, the federal judicial system, the Department of Justice, military justice and law enforcement, career opportunities, control of the Armed Forces, technology awareness, rifle marksmanship, and safety. Honors credit is available to those cadets who fill student leadership positions based on their evaluated potential.

PREREQUISITE: *Leadership Education and Training 2*

Leadership Education and Training 4

18013300

Credit: 2.0

Grade Level: 12

Topics to be included are techniques of communication, radio/ telephone procedures, leadership, physical fitness, substance abuse, American military history, ethics dilemmas, command and staff procedures, job-finding techniques, ethics in the military, decision making, leadership on the drill field, and coaching the new marksman. Honors credit is available to those cadets who fill student leadership positions based on their evaluated potential.

PREREQUISITE: *Leadership Education and Training 3*

LANGUAGE ARTS

College Prep classes will be available in English/Writing and Math for seniors; see your counselor for more information.

English 1 10013100

Credit: 1.0

Grade Level: 9

English I provides instruction in the Language Arts strands of reading, writing, speaking, listening, viewing, language, and literature. It offers instruction in reading and vocabulary strategies necessary for comprehen-

sion of printed materials, research, the writing of effective paragraphs and multi paragraph papers, with emphasis upon all stages of the writing process in timed and un-timed assessments (prewriting, drafting, revising, editing, publishing); speech instruction including formal and informal presentations; evaluation of mass media; the analysis of genres and the study of language in conjunction with writing, usage, and technology.

PREREQUISITE: *None.*

Special Notes: *Meets graduation requirements in English. SUS/BF, NCAA.*

English Honors 1 (H)

10013201

English Honors/

Gifted 10013207

Credit: 1.0

Grade Level: 9

English Honors I promotes academic excellence in English language arts through enriched experiences in reading, writing, viewing, speaking, listening, language and literature. This course provides instruction in critical analysis of major literary genres. Composition instruction focuses upon using the writing process in creative, technical, and traditional academic modes. All phases of the writing process (timed and untimed) are addressed: prewriting, drafting, revising, editing, and publishing. Formal speaking experiences are provided. Technology is incorporated into aspects of the course. Gifted course work consists of multi-genre activities and hands on activities influenced by differentiated curriculum.

PREREQUISITE: *Teacher recommendation based on academic performance and written samples.*

Special Notes: *Meets graduation requirements for English. SUS/ BF, NCAA.*

English 2 10013400

Credit: 1.0

Grade Level: 10-12

English 2 provides instruction in the Language Arts strands of reading, writing, speaking, listening, viewing, language, and literature. Content includes instruction in reading literature and in vocabulary strategies necessary to comprehend printed materials, the writing of essays for various purposes and audiences, using literary and nonliterary subjects, untimed and timed writings, utilizing all elements of the writing process where appropriate (prewriting, drafting, revising, editing and publishing), emphasis of applicable research; analysis of selections found in world literature; study of grammar,

mechanics, usage and other conventions of standard written English in conjunction with writing; study of mass media, including analysis of propaganda and persuasion techniques; and instruction in speech, including analysis of effective techniques in oral presentations. Technology is incorporated into several aspects of the course.

PREREQUISITE: *One English credit.*

Special Notes: *Meets graduation requirements in English. SUS/BF, NCAA.*

English Honors 2 (H)

10013500

English 2 Gifted

10013507

Credit: 1.0

Grade Level: 10

English Honors 2 promotes excellence in English language arts through the study of world literature and enriched experiences in composition, speech, research, viewing, observing, and listening skills. This course provides instruction in universal themes found in world literature as well as in the critical analysis of various genres in that literature. Composition instruction emphasizes the creative, technical, and traditional academic modes of writing through the writing process (prewriting, drafting, revising, editing, and publishing); frequent timed and untimed practice is provided. The study of language includes usage, mechanics, and other conventions of standard written English as they relate to students' writing. Formal and informal speaking opportunities are provided. Vocabulary study is done in conjunction with reading and literature. Technology is incorporated into several aspects of the course. Gifted course work consists of multi-genre activities and hands-on activities influenced by differentiated curriculum.

PREREQUISITE: *One English credit, teacher recommendation, based on academic performance and writing samples.*

Special Notes: *Meets graduation requirements in English. SUS/BF, NCAA.*

English 3

10013700

Credit: 1.0

Grade Level: 11

English III provides instruction in the Language Arts strands of reading, writing, speaking, listening, viewing, language, and literature. Composition instruction includes frequent practice in writing various types of multi-paragraph papers, including documented papers/ projects.

Referencing and summarizing skills will be stressed as well as all phases of the writing process (prewriting, drafting, revising, editing, and publishing). This study will include the analysis of representative examples of American literary works in various genres, as they illustrate distinctive national qualities and the ethnic and cultural diversity of the American experience. Vocabulary, grammar, and usage are studied in conjunction with literature and writing. Listening, speaking, viewing, observing, researching, and writing assignments are related to the study of American literature when appropriate. Technology is incorporated into several aspects of the course.

PREREQUISITE: *Two English credits.*

Special Notes: *Meets graduation requirements in English. SUS/BF, NCAA.*

English Honors 3 (H)

10013800

10013801 (paired with AP English Language)

Credit: 1.0

Grade Level: 11

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

PREREQUISITES: *Two English credits, teacher recommendation, and school guidelines.*

Special Notes: *Meets graduation requirements in English. SUS/BF, NCAA.*

Advanced Placement English Language and Composition (AP)

10014200

Credit: 1.0

Grade Level: 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.

PREREQUISITES: *Two English credits, teacher recommendation, based on academic performance and writing samples.*
Special Notes: *This is a college level course. Meets graduation requirements in English. SUS/BF, NCAA*

English 4
10014000
Credit: 1.0
Grade Level: 12

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

PREREQUISITE: *Three English credits.*
Special Notes: *Meets graduation requirements in English. SUS/BF, NCAA.*

English Honors 4 (H)
10014100
10014101 (paired with AP English Literature)
Credit: 1.0
Grade Level: 12

English Honors 4 promotes excellence in English Language arts through enriched experiences in communication skills and instruction including the literature of Great Britain. Instruction will cover the written and oral analysis of major British literary works of various genres in relationship to cultural influences and to the development of the literary traditions of the English language. Writing assignments will develop students' abilities to interpret literature and analyze it critically. All phases of the writing process will be

utilized where appropriate (prewriting, drafting, revising, editing, and publishing). Students will also extend their speaking, researching, viewing, and listening, skills. Language study should include vocabulary and grammar in the context of literature and writing and an overview of the history of the language as reflected in literature.

PREREQUISITE: *Three English credits, teacher recommendation, based on academic performance and writing samples*
Special Notes: *Meets graduation requirements in English. SUS/BF, NCAA.*

Advanced Placement English Literature and Composition (AP)
10014300
Credit: 1.0
Grade Level: 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.

PREREQUISITES: *Three English credits, teacher recommendation, based on academic performance and writing samples.*

Special Notes: *This is a college-level course. Meets graduation requirements in English. SUS/BF, NCAA*

LANGUAGE ARTS ELECTIVES

Journalism 1 1006300D
Credit: 1.0
Grade Level: 9-12

The course provides instruction in aspects of journalism. Instruction will be given in recognizing and writing news for journalistic media and in developing editorials, sports articles, and feature stories. In addition to written work, students will receive instruction in the history and traditions of journalism.

PREREQUISITES: *C average in English, average or above average writing*

ability verified by written approval of current English teacher.
Special Note: *Elective credit in English. NCAA.*

Journalism 2 1006310R (Newspaper) Honors
Journalism 2 1006310U (Yearbook) Honors
Journalism 3 1006320R (Newspaper) Honors
Journalism 3 1006320V (Yearbook) Honors
Journalism 4 1006330R (Newspaper) Honors
Journalism 4 1006330V (Yearbook) Honors
Credit: 2.0
Grade Level: 10-12

The content of this course includes, but is not limited to, the following: training necessary for successful news gathering for journalistic media, practice in gathering information, practice in writing news, sports, feature articles, and editorials, and exploration of career opportunities in journalistic fields through various media. Practice in the preparation of materials for publication in journalistic media occurs within a workshop setting.

PREREQUISITES: *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.*

Debate 1 Honors
1007330D
Credit: 1.0
Grade Level: 9-12

The purpose of this course is to provide instruction in the fundamentals of argumentation and problem solving. The content should include, but not be limited to, the following: logical thinking, organization of facts, speaking skills, research skills related to debate topics, and participation in frequent debate situations. Students must compete in after-school and/or weekend tournaments.

PREREQUISITE: *Special Note: Elective credit. Meets graduation requirements for Performing Fine Arts. BF/ Gold Seal only. NCAA*

Debate 2 Honors
1007340J
Credit: 1.0
Grade Level: 10-12

The purpose of this course is to continue the development of skills related to debate and forensic activities.

The content should include, but not be limited to the following: the principles of effective communication for specific purposes as they apply to argumentation and debate skills, research skills, critical thinking skills, listening and speaking skills, formal written preparation of materials for competitive speaking activities. Students must compete in after school and/or weekend tournaments.

PREREQUISITES: *Teacher recommendation based on academic performance and public speaking presence and successfully completed Debate 1.*

Special Note: *Elective credit. Meets graduation requirements for Performing Fine Arts. BF/ Gold Seal only.*

Debate 3 Honors
1007350Q
Credit: 1.0
Grade Level: 11-12

The purpose of this course is to provide continuing instruction in the skills and techniques of debate. The content should include, but not be limited to the following: selection of debate topics, elements of argumentation, the use of proof, preparation of debate briefs, cross-examination techniques, and practice in conventional cross-examination debates. Students must compete in after-school and/or weekend tournaments.

PREREQUISITES: *Teacher recommendation and successfully completed Debate 2.*

Special Note: *Elective credit. Meets graduation requirements for Performing Fine Arts. BF/ Gold Seal only.*

Debate 4 Honors
1007360W
Credit: 1.0
Grade Level: 10-12

The purpose of this course is to provide opportunities for participation in advanced debate activities with increasing emphasis on the application of skills in formal debates. The content should include, but not be limited to the following: application of basic debate theory to class presentations, discussion, analysis, and brainstorming in case construction; cross-examination; attack and defense; and written and oral critiques. Students must compete in after-school and/or weekend tournaments.

PREREQUISITES: *Teacher recommendation and successfully completed Debate 3.*

Special Note: *Elective credit. Meets graduation requirements for Performing Fine Arts. BF/*

Gold Seal only.

Creative Writing 1/2
1009320A
Credit: 1.0
Grade Level: 9-12

The purpose of this course is to develop writing and language skills needed for individual expression in literary forms. The content should include, but not be limited to, the following: development of and practice in writing a variety of literary works, including original poetry, short stories, plays, novels and/or essays, and nonfiction.

PREREQUISITES: *Teacher recommendation based on academic performance and creative writing samples.*

Special Notes: *Elective credit only. SUS/BF, NCAA.*

Creative Writing 3 Honors
10093310
Credit: 1.0
Grade Level: 10-12

The purpose of this course is to provide the student with experiences in reading, analyzing, and writing Blues, Ballad, Asian, Italian, French forms as well as traditional forms. 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.

PREREQUISITE: *Creative Writing 1/2 or Teacher recommendation.*

SPECIAL NOTE: *Elective credit only. SUS/BF*

Creative Writing 4 Honors
10093320
Credit: 1.0
Grade Level: 10-12

The purpose of this course is to provide the experienced writer with an opportunity to produce polished poems, stories, essays, as well as other genre. The content includes a thorough and in-depth examination of a variety of short literary collections that include a variety of peer, teacher, and professional examples. Students in this course will produce the school's literary magazine.

PREREQUISITE: *Creative Writing 3, Teacher recommendation.*

SPECIAL NOTE: *Elective credit only. SUS/BF.*

Creative Writing 5 Honors
10093330
Credit: 1.0
Grade Level: 10-12

The purpose of this course is to provide the experienced writer with an opportunity to produce polished poems, stories, essays, as well as other genre. The content includes a thorough and in-depth examination of a variety of short literary collec-

tions that include a variety of peer, teacher, and professional examples. Students in this course will produce the school's literary magazine.

PREREQUISITE: *Creative Writing 4, Teacher recommendation.*

SPECIAL NOTE: *Elective credit only. SUS/BF.*

Film I
01074100

Credit: 1.0

Grade Level: 9-12

The purpose of this course is to provide opportunities for study and experience in the many aspects, roles, and careers associated with the film industry. The content should include, but not be limited to, the following: technical terminology, role and influence of film in history, culture, society and individual lifestyles, production techniques for film, vocational and recreational pursuits in the film industry, and analysis, evaluation and critiquing of film production and design.

PREREQUISITE: *None*

Literature in the Media

10053650

Credit: 1.0

Grade Level: 9-12

The purpose of this course is to enable students to develop knowledge of the narrative parallels between traditional (printed) literary texts and non-traditional multi-media texts. The content should include, but

not be limited to, the following: representative works of literature and related multi-media; elements of

specific multi-media (e.g., film, television, cartoons, graphic novels, advertisements, commercials); literary characteristics reflective of cultural contexts; and critical and aesthetic responses.

PREREQUISITE: *None.*

MATHEMATICS

College Prep classes will be available in English/Writing and Math for seniors; see your counselor for more information.

Intensive Math

1200400A

Credit: 1 Elective Credit

Grade Level: 10-12

The purpose of this course is to provide remedial instruction and practice in mathematics skills and con-

cepts. The content should include, but not be limited to, mathematics content identified by diagnosis of each student's needs for remedial instruction identified in the Academic Improvement Plan, test-taking skills, and strategies for mathematics.

SPECIAL NOTE: *This is a remedial course. Placement is through Guidance only and requires completion of a Progress Monitoring Plan, I.E.P. or 504 Plan.*

Pre-Algebra (R) 12003000

Credit: 1

Grade Level: 9

Pre-Algebra is a course to develop the skills necessary for success in algebra. Topics shall include, but not be limited to, operations with rational numbers, variables, ratio and proportion, percents, graphs, sets, number theory, properties of rational numbers, equations and inequalities, exponents, evaluation of formulas, rectangular coordinate systems, algebraic expressions, the Pythagorean Theorem, square roots, polynomials, and factoring.

SPECIAL NOTE: *This is a remedial course. Placement is through Guidance only and requires completion of a Progress Monitoring Plan, I.E.P. or 504 Plan.*

Algebra 1a (R)

12003700

Credit: 1.0

Grade Level: 9-12

Algebra 1a is a 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 with an emphasis on rational numbers, variables and algebraic expressions, varied means for analyzing and expressing patterns, relations and functions including words, tables, graphs, geometric formulas, linear equations, and inequalities, solution strategies for simple linear equations and inequalities of one variable, relations expressed by ratio, rates, and proportion, coordinate geometry and graphing of linear equations and inequalities, varied solutions strategies for linear functions, data analysis concepts and techniques appropriate to identify patterns and make predictions, and algebraic notation using exponents, square roots, radicals, absolute value, and scientific notation.

PREREQUISITE: *Teacher Recommendation.*

SPECIAL NOTE: *This is a*

sequence course of Algebra 1a and Algebra 1b. They are taken together. Together they satisfy the algebra graduation requirement.

SUS/BF, NCAA with AlgIB.

Algebra 1b (R) 12003800

Credit: 1.0

Grade Level: 9-12

Algebra 1b is a 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, algebraic notation including exponents, square roots, radicals, absolute value, and scientific notation, varied means for analyzing and expressing patterns, relations, and functions including words, tables, graphs, sequences, linear and quadratic equations, and inequalities, polynomials and operations with polynomials, coordinate geometry and graphing of linear and quadratic functions and inequalities, data analysis concepts and techniques including introductory statistics and probability, and varied solution strategies for linear and quadratic equations and for systems of equations.

PREREQUISITE: *Teacher recommendation.*

SPECIAL NOTE: *Co-requisite is Algebra 1a. Algebra 1a and Algebra 1b, taken sequentially, equate to one unit of Algebra I, thus meeting the algebra graduation requirement, and as one unit of an academic core course in the Florida state university system and for NCAA SUS/BF, NCAA with AlgIA.*

Algebra 1 Honors (A)

12003200

Credit: 1.0

Grade Level: 9

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.

PREREQUISITE: *Teacher recommendation.*

SPECIAL NOTE: *This course satisfies the algebra graduation requirement. SUS/BF, NCAA. This course is offered either unlinked or together with a co-requisite course of critical thinking.*

Critical Thinking Math

12004000

Credit: 1.0 Elective

Grade Level: 9

Critical Thinking is a course designed to develop algebraic and geometric concepts needed to solve real world problems. The content shall include, but not be limited to, measures of central tendency, data analysis, areas of inscribed figures, patterns, functions, relations, graphs, equations and inequalities.

PREREQUISITE: *Teacher recommendation.*

SPECIAL NOTE: *Co-requisite for this course is Algebra I H taken sequentially.*

Informal Geometry (R)

12063000

Credit: 1.0

Grade Level: 10-12

Informal Geometry is a course designed to develop the geometric knowledge that can be used to solve a variety of real-world and mathematical problems. Geometric relationships are developed inductively, with hands-on activities. This course does not include formal deductive proofs. The content will include, but not be limited to, geometric constructions, terminology and fundamental properties of geometry, coordinate geometry and graphing of linear functions and inequalities, inductive reasoning and informal proof, introduction to deductive reasoning, measurement of plane and solid figures, including perimeter, area, volume, and applications of the Pythagorean Theorem, exploration and application of geometric relationships including parallelism, perpendicularity, congruence, and similarity, and symmetry and transformations, including flips, turns, and slides.

PREREQUISITE: *Teacher recommendation.*

SPECIAL NOTE: *This course does not satisfy the three mathematics credits requirement for admission to Florida state universities but does sat-*

isfy the Math credit toward high school graduation. BF/ Gold Seal only.

Geometry (R)

12063100

Credit: 1.0

Grade Level: 9-12

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 properties of geometry, deductive and inductive reasoning and their application to formal and informal proof, 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.

PREREQUISITE: *Algebra 1, Algebra 1b or Algebra 1 Honors and teacher recommendation.*

SPECIAL NOTE: *SUS/BF, NCAA*

Geometry Honors (A)

12063200

Credit: 1.0

Grade Level: 9-12

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 proof, 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.

PREREQUISITE: *Algebra 1 or Algebra 1 Honors.*

SPECIAL NOTE: *SUS/BF, NCAA and teacher recommendation*

Liberal Arts Mathematics (R) 12083000

Credit: 1.0

Grade Level: 10-12

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.

PREREQUISITE: *Algebra IB or Algebra I and Geometry or Informal Geometry* and teacher recommendation.

SPECIAL NOTE: *This course does not satisfy the three mathematics credits required for admission to Florida state universities but does satisfy the Math credit toward high school graduation. BF/Gold Seal Only.*

Algebra 2 (R) 12003300
Credit: 1.0

Grade Level: 9-12

Major Concepts/Content

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.

PREREQUISITE: *Algebra 1 or Algebra 1 Honors and Geometry or Geometry Honors, or Liberal Arts Math* and teacher recommendation.

SPECIAL NOTE: *SUS/BF, NCAA*

Algebra 2 Honors (A) 12003400
Credit: 1.0

Grade Level: 9-12

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.

PREREQUISITE: *Geometry or Geometry Honors and Algebra 1 or Algebra 1 Honors* and teacher recommendation.

SPECIAL NOTE: *SUS/BF, NCAA*

Analysis of Functions (H) 1201310

Credit: 1.0

Grade Level: 9-12

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.

PREREQUISITE: *Successful completion of Algebra 2 (H) or Integrated Math 3* and teacher recommendation.

Integrated Mathematics 3 (R) 12073300

Credit: 1.0

Grade Level: 10-12

Integrated Mathematics is designed to develop the advanced algebraic and geometric concepts and process that can be used and their relationships to each other. The content shall include, but not be limited to, structure and properties of the complex number system, relations, functions, and graphs extended to exponential and logarithmic functions and their relationships to one another, operations with matrices, conic sections and their applications, proofs of trigonometric identities, application of trigonometry and the properties of similarity and congruence of triangles, data analysis, including measures of central tendency and dispersion, and probability, permutations and combinations.

PREREQUISITE: *Algebra 2 or Algebra 2 Honors* and teacher recommendation.

SPECIAL NOTE: *SUS/BF, NCAA*

Pre-Calculus (H) 12023400

Credit: 1.0

Grade Level: 9-12

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.

PREREQUISITE: *Geometry or Geometry Honors and Algebra 2 or Algebra 2 Honors and Integrated Mathematics 3, or Analysis of Functions* and teacher recommendation.

SPECIAL NOTE: *SUS/BF, NCAA, HONORS CREDIT*

Calculus (H) 12023000

Credit: 1.0

Grade Level: 10-12

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.

PREREQUISITE: *Pre-Calculus* and teacher recommendation.

SPECIAL NOTE: *HONORS CREDIT*

Probability and Statistics with Applications (H) 12103000

Credit: 1.0

Grade Level: 10-12

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 nonparametric statistical tests.

PREREQUISITE: *Algebra 2 or Algebra 2 Honors* and teacher recommendation.

SPECIAL NOTE: *This is the first half of the whole year AP Statistics course. SUS/BF, NCAA*

Advanced Placement Statistics (A) 12103200

Credit: 1.0

Grade Level: 10-12

AP Statistics is a course designed to give students col-

lege level mathematics under the guidance of the Advanced Placement Program. Topics shall include, but not be limited to, exploratory data (observing patterns and departing from data), planning a study (deciding what and how to measure), producing models using probability and simulation, and statistical inference. The student enrolled in this course will be expected to take the Advanced Placement Examination in Statistics.

PREREQUISITE: *Algebra 2 Honors and Probability and Statistics.*

SPECIAL NOTE: *Earning credit in this course precludes earning credit in Probability and Statistics with Applications. SUS/BF, NCAA*

Advanced Placement Calculus AB (A) 12023100

Credit: 1.0

Grade Level: 10-12

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 be expected to take the Advanced Placement Examination in Calculus AB.

PREREQUISITE: *Pre-Calculus, Calculus* and teacher recommendation.

SPECIAL NOTE: *SUS/BF, NCAA*

Advanced Placement Calculus BC (A) 12023200

Credit: 1.0

Grade Level: 11-12

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 will be expected to take the Advanced Placement Examination in Calculus BC.

PREREQUISITE: *Advanced Placement Calculus AB* and teacher recommendation.

SPECIAL NOTE: *SUS/BF, NCAA*

Discrete Mathematics (H) (A) 12209100

Credit: 1.0

Grade Level: 9-12

Discrete Mathematics is a course designed to provide students with further study in topics of mathematics necessary for success in the advanced study of mathematics and computer science. The content includes, but is not limited to, recursion, graph theory, set theory, matrices, logic, sequences and series, permutations and combinations, probability, and optimization.

PREREQUISITE: *Algebra 2, Analysis of Functions, Trigonometry, Analytics Geometry, or Pre-Calculus* and teacher recommendation.

SPECIAL NOTE: *NCAA, Meets an academic unit for some Bright Futures Scholarships.*

Math for College Readiness 1200700

Credit: 1.0

Grade Level: 12

Math for college readiness is a secondary-postsecondary readiness course, which is equivalent to Intermediate Algebra, MAT 1033, approved for delivery as a high school mathematics course for 12th grade students. This course is a combination of algebra containing topics such as factoring polynomials, operations with rational expressions, absolute value, exponents, radicals, and roots, complex numbers, linear and quadratic equations and linear inequalities, graphs, systems of equations, and functions, all with applications throughout the 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. Due to the nature of this course, calculators are NOT permitted. Upon successful completion of this course, students should be able to demonstrate knowledge of skills necessary to enter college level mathematics courses such as MAC 1105, STA 2023, MGF 1106 or MGF 1107 when they retake the CPT for college entrance.

PREREQUISITE: *Placement is determined by*

scores on either the CPT, SAT, or ACT.
SPECIAL NOTE: This course meets an academic unit for some Bright Futures Scholarship Program.

Advanced Placement Computer Science AB (A)
02003800
Credit: 1.00
Grade Level: 10-12

The purpose of ADVANCED PLACEMENT COMPUTER SCIENCE AB 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.

PREREQUISITE: Minimum of Algebra II and teacher recommendation
Special Note: Satisfies computer literacy requirement. The Advanced Placement Computer Science Test language requirement is C++ and JAVA.

SPECIAL NOTE: This course will be offered in Fall semester only.

MUSIC

Band 1 13023000
Grade Level: 9
Band 2 13023100
Grade Level: 10
Band 3 13023200
Grade Level: 11
Band 4 13023300
Grade Level: 12
Credit: 2.0

Band provides students with instruction in the development of technical skills on wind and percussion instruments. Emphasis will be placed on the development of skills in interpretation of notation and expressive performance markings, individual and ensemble performance techniques, and critical listening skills and aesthetic values. The content should include, but not be limited to, the following: production of a characteristic tone on wind and percussion instruments; ensemble performance techniques, including phrasing, articulation, blend, balance, and intonation; response to conducting; performance of band literature from varied historical periods and cultures; composition, arrangement, and improvisation techniques; evaluation and application of knowledge of musical form and history; analysis and evaluation as a performer and a listener; responsible partic-

ipation in music activities; importance of music in everyday life. This course requires extra rehearsals and performances beyond the school day.

SPECIAL NOTE: This course will require extra rehearsals and performances beyond the school day as part of the overall grade. Fees required. Satisfies fine arts requirement. Musicians must be in marching band and a band fee is required. **Marching Band is considered an outdoor activity and fulfills the .5 credit of PE requirement for graduation.**

PREREQUISITE: Auditions and instructor's approval.

Chorus I
13033000
Grade Level: 9
Chorus 2
13033100
Grade Level: 10-12
Cypress Women
13033200
Grade Level: 10-12
Cypress Men
1303320A
Grade Level: 10-12
Credit: 2.0

Chorus provides students with instruction in the development of technical skills in the choral setting. Emphasis will be placed on the development of skills in reading music notation; music theory and composition; individual and ensemble performance techniques; analysis of form, style, and history included in the performance preparation of varied choral literature; and critical listening skills and aesthetic values. The content should include, but not be limited to, the following: healthful and musically appropriate vocal tone production techniques; independent interpretation of varied choral literature; application of rhythmic and melodic notation and expressive markings in performance, composing, and improvising; analysis of musical form, varied style periods, and aesthetic perceptions; evaluation of musical performance as a performer and a listener; application of appropriate choral performance techniques; responsible participation in music activities; roles and influence of choral music and musicians in culture, society, and everyday life.

SPECIAL NOTE: This course may require extra rehearsals and performances beyond the school day.

PREREQUISITE: Instructor's approval for Cypress Women and above.

Cypress Singers 1
13034400

Cypress Singers 2
13034500
Cypress Singers 3
13034600
Credit: 2.0
Grade Level: 10-12

Cypress Singers enables students to develop performance techniques and proficiency in group and solo situations and to develop creativity through the study of appropriate and varied choral literature. The content should include, but not be limited to, the following: healthful and musically appropriate vocal tone production techniques; application of technical and musical fundamentals in vocal performance; aural analysis of musical form, style, period, and aesthetic impact; independent application of techniques related to varied choral literature; analysis and evaluation of vocal music; roles and influence of vocal music and musicians in culture, society, and individual life styles; creative use of instrumental accompaniment (optical); creative use of choreography (optional). Advanced credit is offered to those students who show evidence of advanced musical competence through prior experiences in solo evaluation, performance, student leadership and ensemble conducting.

PREREQUISITE: Instructor's approval and evidence of advanced musical competence through prior experiences in solo evaluation, performance, student leadership and ensemble conducting.

SPECIAL NOTE: This course may require extra rehearsals and performances beyond the school day.

AP Music Theory
130334012
Colorguard/Winterguard
Eurythmics 1
13053000
Grade Level: 9-12
Eurythmics 2
13053100
Grade Level: 10-12
Eurythmics 3
13053200
Grade Level: 10-12
Eurythmics 4
13053300
Grade Level: 10-12
Credit: 2.0

Eurythmics provides students with instruction in the development of skills in the art of performing various bodily movements in rhythm using musical accompaniment. Course content will include music terminology, note values, rhythms, meter, tempo, melodic content and contrast, music listening, performance techniques, choreography, costuming and

make-up, and safety practices (warm up and cool down). Student performance standards will determine the levels (1-4) of assignment and achievement. This course requires extra rehearsals and performances beyond the school day.

PREREQUISITE: None
SPECIAL NOTE: This course will require extra rehearsals and performances beyond the school day as part of the overall grade. Fees required. Will meet graduation requirements for Performing Fine Arts, BF/Gold Seal Only. Satisfies fine arts requirement. Members must be in Marching band and Winterguard.

Guitar 1
13013200
Grade Level: 9-12
Credit: 1.0
Guitar 2
13013300
Grade Level: 10-12
Guitar 3
13013400
Grade Level: 10-12
Guitar 4
13013500
Grade Level: 10-12

This course develops guitar performance proficiency using a variety of techniques. Emphasis will be placed on the development of skills in reading music notation; analysis of form, style, and history; and improvisation and composition techniques. The content should include, but not be limited to, the following: performance of a variety of guitar literature using appropriate articulations, dynamics, phrasing, tempo, and style; use of proper posture, hand position, fingering, and technique; interpretation of melodic and rhythmic notation in a variety of key signatures and meters; composition, arrangement, and improvisation techniques; analysis and evaluation of individual and ensemble performance; responsible participation in music activities; roles and influence of guitar music and musicians in culture, society, and everyday life.

PREREQUISITE: Instructor's approval

SPECIAL NOTE: The course requirements contained in this course description are designed for a one credit course. This course may be repeated by a student for multiple credits if, on subsequent offerings, the required level of student proficiency increases.

CLASS PIANO
(KEYBOARD)
Keyboard I
1722/13013600
Keyboard 2

1723/13013700
Keyboard 3
1724/13013800
Keyboard IV
1725/13013900
Credit: 1.0
Grade Level: 10-12

Keyboard enables students to develop keyboard performance proficiency. Emphasis will be placed on the development of skills in reading music notation; analysis of form, style, and history; and, improvisation and composition techniques. The content should include, but not be limited to, the following: interpretation of melodic and rhythmic notation in a variety of key signatures and meters; use of proper posture, hand position, fingering, and technique performance of a variety of keyboard literature using appropriate articulations, dynamics, phrasing, tempo, and style; composition, arrangement, and improvisation techniques; music theory and notation; analysis and evaluation of individual and ensemble performance; connections between keyboard music and other subject areas; roles and influence of keyboard music and pianists in history, culture, society, and everyday life.

PREREQUISITE: Keyboard I - None
Keyboard II-IV -Instructor Approval

Advanced Placement Music Theory
Course Number:
13003300
Credit:
1.00

Grade Level: 9-12
Major Concepts/Content
Advanced Placement Music Theory is designed to develop a student's ability to recognize and understand the basic materials and processes in any music that is heard or read in score. Much stress will be on the development of fundamental aural, notational, and performance skills. The course will culminate in the taking of the Advanced Placement Music Theory Exam. This course is recommended for only the highest motivated student.

PREREQUISITE: Instructor's approval
SPECIAL NOTE: Will meet graduation requirements for Performing Fine Arts. Elective credit only

PHYSICAL EDUCATION & HEALTH

Health/Personal Fitness (R)
15013000
Credit: 1.0
Grade Level: 9

Health provides students with opportunities to develop and enhance critical life management skills necessary to make sound decisions and take positive actions for healthy and effective living. The content includes the following:

- human growth and development through adulthood
- positive emotional development, including suicide and violence prevention
- communication, interpersonal, and coping skills
- responsible decision-making and planning
- nutrition, physical activity, weight management
- tobacco, alcohol, and other drug use and abuse
- consumer knowledge
- health-related community resources
- safety education, including on-rescuer cardiopulmonary resuscitation (CPR) first aid for obstructed airway, and injury prevention
- disease prevention and control, including HIV/AIDS and other STDs
- family life education, including human sexuality, abstinence, and pregnancy prevention
- personal health and individual wellness planning
- health advocacy skills
- breast cancer and testicular cancer detection and self examination

Personal Fitness provides students with opportunities to develop an individual optimal level of physical fitness, acquire knowledge of physical fitness concepts, and acquire knowledge of the significance of lifestyle on one's health and fitness. The content includes knowledge of the importance of physical fitness, assessment of the health related components of fitness, health problems associated with inadequate fitness levels, application of biomechanical and physiological principles to improve and maintain fitness, safety practices and psychological values of fitness including stress management, and sound nutritional practices and consumer issues related to physical fitness.
PREREQUISITE: None
Special Note: Meets graduation requirement for Health/Life Management Skills. This course required for graduation. BF/Gold Seal only

Beginning Aerobics (R)
15034000
Credit: 1.0
Grade Level: 10-12

Beginning aerobics provides students with opportunities to develop an individual optimal level of cardiovascular fitness, acquire knowledge of cardiovascular fitness concepts, and acquire knowledge of the significance of cardiovascular fitness on one's health.

PREREQUISITE: None

Intermediate Aerobics (R)
15034100
Credit: 1.0
Grade Level: 10-12

The purpose of this course is to: (a) extend the knowledge of aerobic activities and (b) further develop an individual level of health-related fitness.

PREREQUISITE: Beginning Aerobics

Advanced Aerobics
15034200
Credit: 1.0
Grade Level: 11-12

The purpose of this class is to provide students with opportunities to further extend the acquisition of knowledge and the development of skills in aerobic activities that may be used in physical fitness pursuits today as well as later life, and continue to develop an optimal level of cardiovascular fitness.

PREREQUISITE: Intermediate Aerobics with instructor's signature

Basketball/Team Sports
15033100
Credit: 1.0
Grade Level: 10-12

Basketball 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 and/or improve 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.

PREREQUISITE: None

Soccer/Team Sports
15033200
Credit: 1.0
Grade Level: 10-12

Soccer 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.

PREREQUISITE: None

Advanced Tennis/Team Sports
15045200
Credit: 1.0
Grade Level: 10-12

Advanced Tennis provides students with opportunities to further extend the acquisition of knowledge and the development of skills in tennis that may be used in recreational pursuits today as well as in later life and maintain and/or improve their personal fitness.

PREREQUISITE: Tennis Instructor's Permission

Tennis 1 & 2
15045000
Credit: 1.0
Grade Level: 10-12

Tennis provides students with opportunities in acquiring knowledge and skills in tennis that may be used in recreational pursuits today as well as in later life and maintain and/or improve their personal fitness. The content includes in-depth knowledge and application of the fundamentals of each of the basic strokes, techniques, rules, etiquette, and safety practices necessary to participate in tennis.

PREREQUISITE: None

Volleyball **1&2**
15055000
Credit: 1.0
Grade Level: 10-12

Volleyball provides students with opportunities to acquire knowledge and skills in volleyball that may be used in recreational pursuits today as well as in later life and maintain and/or improve 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 beginning volleyball, and knowledge of the organization and administration of volleyball activities.

PREREQUISITE: None

Team Sports I + II
15033500
Credit: 1.0
Grade Level: 10-12

Team Sports provides students with opportunities to acquire knowledge of strategies of team sports play, develop skills in selected team sports, and maintain and/or improve their personal fitness. The content includes knowledge and application of skills, techniques, strategies, rules, and safety practices necessary to participate in selected team sports, which may include, but not be limited to, basketball, flag football, soccer, softball, speedball, track and field, and volleyball.

PREREQUISITE: Personal Fitness

Track and Field (R) / Outdoor Recess

15033000
Credit: 0.5
Grade Level: 9-12

Track and Field provides students with opportunities to acquire knowledge and skills in a variety of track and field activities and maintain and/or improve their personal fitness. The content includes in-depth knowledge and application of skills, techniques, strategies, rules, and safety practices necessary to participate in track and field activities, and knowledge of the organization and administration of track and field activities.

PREREQUISITE: None

Beginning Weight Training/Fitness Issues
15013400
Credit: 1.0
Grade Level: 10-12

Beginning Weight Training provides students with opportunities to acquire basic knowledge and skills in weight training that may be used in physical pursuits today as well as in later life, improve muscular strength and endurance, and enhance body image. Fitness Issues extends the knowledge of health-related fitness concepts, helps the student acquire knowledge about selected adolescent issues related to fitness and personal appearance and helps the student improve health-related fitness.

PREREQUISITE: Personal Fitness

Intermediate Weight Training/Fitness Lifestyle Design
15013500
Credit: 2.0
Grade Level: 10-12

Intermediate Weight Training provides students with opportunities to extend the acquisition of knowledge and the development of skills in weight training that may be used in physical fitness pursuits today as well as in later life, further improve strength and endurance, and further enhance body image. Fitness Lifestyle Design provides students with opportunities to extend the acquisition of knowledge of physical concepts included in "Personal Fitness," acquire knowledge of designing, implementing, and evaluating a personal fitness program, and develop an individual optimal level of physical fitness.

PREREQUISITE: Beginning Weight Training and Instructor's Permission
PREREQUISITE for Athlete Fitness is with

Coach's signature only.

Advanced Weight Training/ Comprehensive Fitness (R)
15013600
Credit: 1.0
Grade Level: 11-12

Advanced Weight Training provides students with advance opportunities to further extend the acquisition of knowledge and the development of skills in weight training and aerobic activities that may be used in physical pursuits today as well as in later life, further improve muscular strength and endurance, further enhance body image, and continue to develop an optimal level of cardiovascular endurance. The content includes reinforcement of advanced weight training and aerobic knowledge, safety practices and knowledge to design, implement, and evaluate a personal weight training program and a personal aerobic program that will meet specific needs and goals.

PREREQUISITE: Intermediate Weight Training and Instructor's Permission.

Beginning Golf (R)
15044000
Intermediate Golf
15044100
Credit: 0.5
Grade Level: 10-12

Beginning Golf provides students with opportunities to acquire knowledge and skills in golf that may be used in recreational pursuits today as well as in later life and maintain and/or improve their personal fitness. The content includes in-depth knowledge and application of the use of the putter, short and long irons, and woods. Techniques, rules, etiquette, and safety practices necessary to participate in golf are included.

PREREQUISITE: None

Intermediate Golf (R)
15044100
Credit: 0.5
Grade Level: 10-12

The purpose of this course is to: (a) extend the knowledge and development of golf skills and (b) maintain and/or improve personal fitness.

PREREQUISITE: Beginning Golf or Instructor's Permission.

Course Title: Beginning Wrestling (R)
15055500
Credit: .50
Grade Level: 9-12

Major Concepts/Content Beginning Wrestling provides students with opportunities to acquire knowledge and skills in wrestling and maintain and/or im-

prove their personal fitness. The content includes in depth knowledge and application of skills, techniques, strategies, rules, and safety practices necessary to participate in wrestling.
PREREQUISITE: None

SCIENCE

Earth Science 20013100

Grade Level 9

Earth/Space Science will provide opportunities for students to develop concepts basic to Earth, its materials, processes, history and environment in space. Topics will include but not be limited to: origins of the universe and solar system, Earth-moon system, minerals and rocks, divisions of the earth and land forms, hydrological cycle, and weather.

Laboratory activities that include the use of the scientific method, measurement, laboratory apparatus and safety are an integral part of this course.

SPECIAL NOTE: NCAA.

Earth Space Science (Honors) 20013200

Grade Level 9

Earth/Space Science Honors will provide students with opportunities to develop concepts basic to Earth, its materials, processes, history, and environment in space. Topics will include but not be limited to: theories on the origin of the universe and solar system, tools of astronomical observation, the solar system, nature of matter and atomic structure, land forms, mineral and rocks, hydrologic cycle, oceanography, the atmosphere and weather.

Laboratory activities that include the use of the scientific method, measurement, laboratory apparatus, and safety are an integral part of this course.

SPECIAL NOTE: NCAA.

General Course Information:
YES

Biology 1 (R) 20003100

Credit: 1.0

Grade Level: 10-12

Biology 1 will provide opportunities to students for general exploratory experiences and activities in the fundamental concepts of life. Topics will include but not be limited to: the scientific method, measurements, laboratory apparatus usage and safety, cell biology and cell reproduction, principles of genetics, biological change through

time, classification, microbiology, structure and function of plants and animals, structure and function of the human body, and ecology. Laboratory activities that include the use of the scientific method, measurement, laboratory apparatus, and safety are an integral part of this course.
PREREQUISITE: *Integrated Science I or Int. Science H.*

Environmental Science 20013400

Credit: 1.0

Grade Level: 11-12

The purpose of this course is to provide students with an opportunity to study the concepts, theories, and laws governing the interaction of matter, energy, and forces and their application to the environment. Topics will include, but will not be limited to: Earth/Space, pollution, conservation or natural resources, environmental management, and society's impact on the environment.

PREREQUISITE: *Successful completion of Biology I and Chemistry I.*

Physical Science (R) 20033100

Credit: 1.0

Grade Level: 11-12

Physical Science will provide opportunities for students to investigate the introductory concepts of physics and chemistry. Topics will include but not be limited to: dynamics, classification, interaction of matter, the periodic table, forms of energy, electricity and magnetism, chemical interactions, nuclear reactions, and career opportunities.

PREREQUISITE: *Successful completion of Biology I and Chemistry I.*

SPECIAL NOTE: NCAA
SUS/BF

Chemistry 1 (R) 20033400

Credit: 1.0

Grade Level: 10-12

Chemistry 1 will provide opportunities for students to study the composition, properties, and changes associated with matter. Topics will include but not be limited to: classification and structure of matter, atomic theory, the periodic table, bonding, chemical formulas, chemical reactions, balanced equations, behavior of gases, physical changes, acids, bases, and salts. Laboratory activities that include the use of the scientific method, measurement, laboratory apparatus, and safety are an integral part of this course.

PREREQUISITE: *Successful completion of Biology or Biology H.*

Chemistry 1 Honors (A) 20033500

Credit: 1.0

Grade Level: 9-12

Chemistry 1 Honors will provide students with an opportunity to study the composition, properties and changes associated with matter. Topics will include but not be limited to: heat, changes of matter, atomic structure, bonding, the periodic tables, formulas, equations, mole concept, gas laws, reactions, solutions, equilibrium systems, and oxidation reduction reactions. Laboratory activities that include the use of the scientific method, measurement, laboratory apparatus, and safety are an integral part of this course.

PREREQUISITE: *Successful completion of Biology I or Biology H.*

SPECIAL NOTE: **SUS/BF, NCAA.**

Biology 1 Honors (A) 20003200

Credit: 1.0

Grade Level: 9-12

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

Laboratory activities that include the use of the scientific method, measurement, laboratory apparatus, and safety are an integral part of this course.

PREREQUISITE: *A in Integrated Science, B or higher in Integrated Science Honors.*

SPECIAL NOTE: NCAA

Marine Science 1 (R) 20025000

Credit: 1.0

Grade Level: 11-12

The purpose of this course is to provide an overview of the unique characteristics of the marine environment by exploring the physical and biological characteristics of seawater. Topics will include the ocean's present and potential resources, marine biology interactions with technology and society, and interrelationships between man and the ocean environment.

PREREQUISITE: *Successful completion of Biology I and Chemistry I.*

SPECIAL NOTE: NCAA
SUS/BF

Marine Science (H) 20025100

Credit: 1.0

Grade Level: 11-12

The purpose of this course is to provide an advanced

overview of the unique characteristics of the marine environment by exploring the physical and biological characteristics of seawater. Topics will include the ocean's present and potential resources, marine biology interactions with technology and society, and interrelationships between man and the ocean environment. Laboratory activities that include the use of the scientific method, measurement, laboratory apparatus, and safety are an integral part of this course.
PREREQUISITE: *Successful completion of Biology and Chemistry.*

Anatomy and Physiology (R)

20003500

Credit: 1.0

Grade Level: 11-12

Anatomy and Physiology will provide students with general exploratory and advanced activities in structures and functions of the components of the human body. Topics will include but not be limited to: anatomical terminology, cells and tissues, systems of the body, disease and inheritance. Laboratory activities that include the use of the scientific method, measurement, laboratory apparatus, and safety are an integral part of this course.

PREREQUISITE: *Successful completion of Biology and Chemistry.*

SPECIAL NOTE: NCAA
SUS/BF

Anatomy and Physiology Honors (A)

20003600

Credit: 1.0

Grade Level: 11-12

Major Concepts/Content

Anatomy and Physiology Honors will provide students with advanced exploratory activities in the structure and function of the components of the human body. Topics will include, but not be limited to: anatomical terminology, cells and tissues, systems of the body, disease and inheritance. Laboratory activities that include the use of the scientific method, measurement, laboratory apparatus and safety are an integral part of this course.

PREREQUISITE: *Successful completion of Biology I and Chemistry I.*

SPECIAL NOTE: NCAA
SUS/BF

Physics (R) 20033800

Credit: 1.0

Grade Level: 10-12

Physics 1 will provide opportunities to student for an introductory study of the theories and laws governing the interaction of matter, energy, and the forces of nature. Topics will include

but not be limited to: kinematics, dynamics, energy, work and power, heat, thermodynamics, wave characteristics, light, electricity, magnetism, and nuclear physics. Laboratory activities that include the use of the scientific method, measurement, laboratory apparatus, and safety are an integral part of this course.

PREREQUISITE: *Successful completion Biology I and Chemistry I and Algebra I with B or higher.*
SPECIAL NOTE: **SUS/BF, NCAA.**

Physics Honors (A) 20033900

Credit: 1.0

Grade Level: 10-12

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

PREREQUISITE: *Successful completion of Biology I or Chemistry 1, and completion Algebra 2*

Honors with a B+ or higher.

SPECIAL NOTE: **SUS/BF, NCAA**

Advanced Placement Biology (A)

20003400

Credit: 2.0

Grade Level: 10-12

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

PREREQUISITE: *Biology Honors, and Chemistry Honors plus A.P. Instructor approval.*

SPECIAL NOTE: **SUS/BF, NCAA.**

Advanced Placement Chemistry (A)

20033700

Credit: 2.0

Grade Level: 11-12

Advanced Placement Chemistry will provide students with a college level course

in chemistry and will prepare the student to seek credit and/or appropriate placement in college chemistry courses. Topics will include but not be limited to: structure of matter, states of matter, chemical reactions, and descriptive chemistry. Laboratory activities that include the use of the scientific method, measurement, laboratory apparatus, and safety are an integral part of this course.

PREREQUISITE: *Biology (H), Chemistry (H), plus Algebra 2 (H).*

SPECIAL NOTE: *SUS/BF, NCAA. Teacher Recommendation and AP instructor approval.*

Advanced Placement Physics (B)
20034200
Credit: 2.0

Grade Level: 10-12

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

PREREQUISITE: *Biology (H), Physics (H) Chemistry (H) plus Precalculus or Calculus as a corequisite and A.P. Instructor approval.*

SPECIAL NOTE: *SUS/BF, NCAA*

Advanced Placement Physics (C)
20034300
Credit: 2.0

Grade Level: 10-12

Advanced Placement Physics C will provide students with a college level course in physics and will prepare students to seek credit and/or appropriate placement in college physics courses. Topics will include but not limited to kinematics, Newton's laws of motion, work, energy, power, linear momentum, circular motion and rotation, oscillations, electrostatics, conductors, electric circuits, electromagnetism.

PREREQUISITE: *Biology (H), Physics (H) Chemistry (H) plus Calculus as a corequisite and A.P. Instructor approval.*

SPECIAL NOTE: *SUS/BF, NCAA*

Advanced Placement Environmental Science (A)

20013800

Credit: 2.0

Grade Level: 10-12

Advanced Placement Environmental Science will provide students with a college level course in environmental science and will prepare students to seek credit and/or appropriate placement in college environmental science courses. Topics will include but not be limited to: ecosystem dynamics, biodiversity, dimensions and causes of population growth, natural cycles, pollution, and resources. Laboratory activities that include the use of the scientific method, measurement, laboratory apparatus, and safety are an integral part of this course.

PREREQUISITE: *Successful completion of Biology (H), and Chemistry (H), plus instructor approval.*

Algebra I (H)

SPECIAL NOTE: *SUS/BF, NCAA.*

SOCIAL STUDIES

The Social Studies are an essential part of a complete education. Students should plan to take the required courses of World History, American History, and Government/Economics at levels that meet their ability and future plans. General classes are designed to expose the student to the content and skills required by each course. Students will be expected to use all levels of thinking but may expect more emphasis on guided learning.

Honors classes require more reading and writing and cover more material. Students in these classes must have demonstrated reading competence by achieving a passing score on the FCAT Reading or a comparable test.

AP classes are taught on the college level and students require college level skills and motivation. The student must have demonstrated competence with at least a 3 on the FCAT Reading or comparable instrument as well as discipline enough to maintain an above average GPA. AP courses should be carefully selected to avoid overloading busy students while providing challenging academic opportunities.

World History
21093100
Credit: 1.0

Grade Level: 10-12

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

PREREQUISITE: *Recommended for 10th Grade.*

SPECIAL NOTE: *SUS/BF/ NCAA*

World History Honors
21093201

Grade Level 9

World History Honors
21093200

World History

Gifted 21093207

Credit: 1.0

Grade Level: 10-12

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

PREREQUISITE: *Recommended for 9th or 10th Grade with a passing score on FCAT Reading.*

SPECIAL NOTE: *SUS/BF/ NCAA*

American History
21003100

Credit: 1.0

Grade Level: 11-12

American History will provide students with the opportunity to acquire an understanding of the chronological development of the American people by examining the political economic, social, religious, military, scientific, and cultural events that have affected the rise and growth of the nation. Content to be covered will include, but not be limited to, an understanding of geographic-historic and time-space

relationships, the synthesizing of American culture through the centuries, the origin of American ideals, the American colonial experience, the American Revolution and the Federal System, the Civil War as the solution to the secession issue, the technological and urban transformation of the country, and American foreign policy development.

PREREQUISITE: *Recommended for 11th Grade*

SPECIAL NOTE: *SUS/BF/ NCAA*

American History Honors

21003200

Credit: 1.0

Grade Level: 11-12

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

PREREQUISITE: *Recommended for 11th Grade with a passing score on FCAT Reading.*

SPECIAL NOTE: *SUS/BF/ NCAA*

American History Honors /Advanced Placement American History
21003300

Credit: 1 (H)/ 1 (A.P.)

Grade Level: 11-12

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

Reference will be made to the current advanced placement course description for American History published annually by the College Board. This course will prepare students for possible college credit. Students enrolled must take the AP exam.

PREREQUISITE: *Recommended for 11th Grade with a passing score on FCAT Reading.*

SPECIAL NOTE: *SUS/BF/ NCAA*

American Government/ Economics

21063100

Credit: 1.0

Grade Level: 12

American Government will provide students the opportunity to acquire an understanding of American government and political behavior. Content to be covered will include, but not be limited to, an analysis of those documents which shape our political traditions (the Declaration of Independence, the Constitution, and the Bill of Rights), a comparison of the roles of the three branches of government at the local, state, and national levels, an understanding of the evolving role of political parties and interest groups in determining government policy, how the rights and responsibilities of citizens in a democratic state have evolved and been interpreted, and the importance of civic participation in the democratic political process. Economics will provide students the opportunity to acquire an understanding of the way in which society organizes its limited resources to satisfy unlimited wants. The student will be introduced to the major characteristics of the mixed market economic system in the United States and how the basic economic questions are answered. Content will include, but not be limited to, using economic principles and reasoning in reaching decisions in the market place. Necessary are the roles and impact of economic wants, productive resources, scarcity and choices, opportunity costs and trade-offs, economic incentives, specialization, comparative advantage, division of labor, interdependence, how markets work, savings and investment, the role of the citizen as producer, consumer, and decision-maker, the role and function of government policy, the role of money, financial institutions and labor, distinctions between micro and macro economic problems, and the similarities and differences of other

economic systems.

SPECIAL NOTE: SUS/BF/ NCAA Recommended for 12th grade

American Government/ Economics Honors
21063200

Credit: 1.0
Grade Level: 12

Students will acquire a comprehensive understanding of American government and political behavior. Appropriate concepts and skills will be developed through an evaluation of the Declaration of Independence, the Constitution, and the Bill of Rights, an analysis of the roles of the three branches of government at the local, state, and national levels, a comparative view of the changing roles of the three branches of government at the local, state, and national levels, a comparative view of the changing nature of political parties and interest groups in determining government policy, an evaluation of citizen rights and responsibilities in a democratic state, and the importance of civic participation in democratic political processes. Economics Honors will provide students the opportunity to acquire a comprehensive understanding of the way in which society organizes to utilize its limited resources to satisfy unlimited wants and the distinguishing characteristics of other types of economic systems with particular attention to the American mixed system. The major emphasis is to provide the student with the tools to examine and analyze the implications of market solutions and public policy decisions related to economic problems. Specific content to be covered will include, but not be limited to, the role and impact of economic wants, productive resources, scarcity and choices, opportunity costs and trade-offs, economic incentives, specialization, comparative advantage, division of labor, interdependence, price determination, types of market failures, savings and investment, the role and function of governmental policy, labor supply and demand, the distinction between micro and macro-economic problems, types of competition, inflation, unemployment, monetary and fiscal policy, and socio-economic goals: freedom, economic efficiency, equity, full employment stability, and growth.

PREREQUISITE: Recommended for 12th Grade with a passing score on FCAT Reading.

SPECIAL NOTE: SUS/BF/ NCAA

Advanced Placement American Government/ Macro & Micro Economics
21064200

Credit: 1.5 AP Weight
0.5 Honors
Grade Level: 12

This course will give students a critical perspective on politics and government in the United States. It requires familiarity with the various institutions, groups, beliefs, and ideas that make up the American political reality. Specific content to be covered will include, but not be limited to, an understanding of federalism and the separation of powers, the development of the constitution, the process of politics, the nature of public opinion, the role of political ideologies (communism, fascism, socialism, and democracy) from a perspective, and the role and function the government and the citizen in each system. Advanced Placement Macroeconomics gives students an opportunity to analyze the worldwide effects of economic activities and their impact on taxation, monetary policy, balance of trade issues, government policy, exchange rates, and similar "big picture" concepts. Advanced Placement Microeconomics gives students an opportunity to analyze the behavior of individual households, firms, and markets, and how prices and outputs are determined in those markets. Students will also analyze price mechanism, resource allocation and income distribution. Students will understand fundamental economic concepts vocabulary, and statistical interpretation of economic data. Students will also gain an understanding of government's role in the capitalistic marketplace.

PREREQUISITE: Recommended for 12th grade with a minimum FCAT reading and math score of 3 or comparable test.

SPECIAL NOTE: SUS/BF/ Merit & Scholar only/ NCAA

SOCIAL STUDIES ELECTIVES

Western Civilization/ AP European History
21053000/21093800
Credit: 1 Honors/1 A.P.
Grade Level: 10-12

Advanced Placement European History will provide students the opportunity to develop the analytic skills and factual knowledge necessary to deal critically with problems, content,

and materials of European historic development. Appropriate concepts and skills will be developed in connection with the content. Integral components of this course will include the formation of generalizations from primary sources in history, the synthesis and evaluation of information, the development of criteria for judging proposed courses of action in terms of actual and projected consequences, the comparison of eras with similar trends, and analysis of the impact of major historical figures and groups on European and world events, the detection of bias in making conclusions, and the emergence of patterns in historical development. The course outline will follow the guidelines of the College Board. This course will prepare students for possible college credit. Students enrolled must take the AP exam.

PREREQUISITE: World History Honors, teacher recommendation, score of 3 or higher on FCAT. Should not be taken concurrently with AP American History.

Psychology/ Sociology 21073000
Credit: 1.0
Grade Level: 10-12

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

Content to be covered will include, but not be limited to, an understanding of the methods of study employed by sociologists, social institutions and norms, social classes, relationships between the sexes, racial and ethnic groups, the handicapped, societal determinants, group behavior, the socialization process (including the transmission of group behavior), social deviation, social conflict, social roles, social stratification, social participation, and the role of social organizations and institutions (including

their interrelationships and interdependence.)

PREREQUISITE: Successful completion of World History.

SPECIAL NOTE: SUS/BF/ Merit & Scholar only/ NCAA

Advanced Placement Psychology
21073500

Credit: 1.0 Honors
1.0 AP

Grade Level: 10-12

Advanced Placement Psychology, an elective, will provide students an opportunity to acquire a comprehensive understanding of the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles and phenomena associated with each of the major sub-fields within psychology. They also learn about the methods that psychologists use in their science and practice. Content will include, but not be limited to, methods, biological basis of behavior, sensation and perception, states of consciousness, learning, cognition, motivation and emotion, developmental psychology, personality, testing for intelligence and personality, abnormal psychology, treatment of disorders, and social psychology. Course outline will adhere to the guidelines of the College Board. Students may receive college credit after testing. Students enrolled must take the AP exam.

PREREQUISITE: World History Honors, teacher recommendation, score of 3 or higher on FCAT reading or equivalent instrument.

Legal Systems & Concepts/ Court Procedures
21063800
Credit: 1.0
Grade Level: 10-12

Legal Systems will provide an introductory examination of our criminal and civil justice systems. The content will include, but not be limited to, identification of the need for law and the basis for our legal system, including causes and effects of crime, consumer frauds, consumer protection, and the individual's role of helping to maintain a just society based on law. Court Procedures will give students an opportunity to study the judiciary system of the United States, specifically of Florida. Appropriate concepts and skills will be developed as students gain understanding of the structure, processes and procedures of county, circuit, appeals, and civil courts with

actual courtroom observation, inquiry into specific crimes and legal issues, the study of juvenile law, the rights of the arrested, critical analysis of courtroom procedure and efficiency, examination of career choices in the American judicial system, and comparative legal systems.

PREREQUISITE: None
Comparative Politics FCAT reading score of 3 or comparable test and successful completion of World History Honors.

Philosophy Honors
212091A0
Credit 1.0
Grade Level 10-12

The learner will explore the foundations of philosophy through a historical exploration of the great thinkers. This course will focus on the definition and application of philosophy, appropriate vocabulary, and the notion that everyone should be engaged in the "doing" of philosophy.

Philosophy Honors II
2120915
Credit: 1.0
Grade level: 10-12

The learner, building on the foundations of Philosophy I as a prerequisite will explore and understand the ideas and concepts of the great thinkers that have shaped our current World View. The course will focus on a comprehensive historical evolution of the Western mind from its origin in the Greek World View through the Transformation of the Classical Era, the Christian World View, the Transformation of the Medieval Era, the Modern World View and the Transformation of the Modern Era.

PREREQUISITE: Philosophy I

History of the Holocaust/ Contemporary History
21094301
Credit: .50
Grade Level: 11-12

The History of the Holocaust, an elective, will cover the State mandate, Florida Statute 233.061, requiring the inclusion of the period from 1933-1945 which studies the systematic, planned annihilation of European Jews and other groups by Nazi Germany, a watershed event in the history of humanity. This course is to be taught in a manner that leads to an investigation of human behavior, an understanding of the ramification of prejudice, racism, and stereotyping, and an examination of what it means to be a responsible and respectful person, for the purposes of encouraging tolerance of diversity in a pluralistic society and for

nurturing and protecting democratic institutions.

PREREQUISITE: NONE

SPECIAL NOTE: SUS/BF/Medallion & Scholar only/NCAA. This local honors level course requires more reading, writing, and assignments than the regular level.

Advanced Placement Human Geography/AP World Geography
21034000
21033011
Credit : 2.00
Grade Level: 9-12

Advanced Placement Human Geography, an elective, will emphasize the importance of geography as a field of inquiry and briefly discuss the emergence of academic geography in nineteenth-century Europe. The course introduces students to the importance of spatial organization – the location of places, people, and events, and the connections among places and landscapes – in the understanding of human life on Earth. Content will include, but not limited to, how to use and make maps, application of mathematical formulas, models, and qualitative data to geographical concepts, and regional organization of various phenomena. Course outline will adhere to the guidelines of the College Board. Students may receive college credit after testing.

PREREQUISITE: Teacher recommendation, score of three or higher on FCAT reading or equivalent instrument (4 or higher for incoming freshmen).

SPECIAL PROGRAMS

WISE Experience
05003000
Credit: 1.0
Grade Level: 12

WISE is a one-credit course offered in the spring exclusively to seniors. The preferred prerequisite is Government/Economics completed in the fall. WISE is a program that is based on self-exploration. Throughout the 18-week course students will have the opportunity to leave campus each day to work on a project. The topic of this presentation will be approved by an evaluation team in the spring; this team is made up of students, teachers, and community members. Any student interested in the WISE program must complete an application in the early spring of their junior year and participate in a face-to-face interview with the WISE Task Force Team. The program is limited to approximately 100-120 students. Students who

complete the process will be selected with broad diversity in mind. The WISE program strives to accept students with all academic levels and a wide variety of interests.

PREREQUISITE: Evaluation procedure leading to acceptance in program, coordinator's signature.

School Board
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