

BARTRAM TRAIL HIGH SCHOOL



Course Catalog 2026-2027

BARTRAM TRAIL HIGH SCHOOL
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January 5, 2026

Bartram Trail High School
7399 Longleaf Pine Pkwy
St. Johns, FL 32259

Dear Parents and Students:

The course catalog is a vital tool for students and parents. This catalog contains all course offerings at Bartram Trail High School for the 2026-2027 school year. It contains a diverse collection of courses in academics, career and technical areas, and electives. It is our goal to provide a rigorous learning path that prepares each student for the future.

It is important that parents are involved in the course selection process by becoming familiar with the academic requirements of Bartram Trail High School. The scheduling process is completed by reviewing student requests, standardized assessments, previous grades, and teacher recommendations. We will make every effort to schedule the courses selected by a student, however several factors may impact a student's final schedule. It is important that students choose alternate course selections so that schedules can be completed when conflicts occur.

Counselors and staff will work together with the students throughout the course selection process. If you have questions about scheduling, please contact the guidance office at 904-547-8342.

Sincerely,

Dr. Clay Carmichael (Interim Principal)
Bartram Trail Principal

BARTRAM TRAIL HIGH SCHOOL
ADMINISTRATIVE PERSONNEL

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Guidance Secretary	Ms. Kathleen Richards	Kathleen.Richards@stjohns.k12.fl.us	547-8342

SCHEDULING PROCEDURES

Schools will try to schedule all the courses selected by a student; however, the following may affect a student's final schedule:

- If a course is not requested by a sufficient number of students, that course will not be offered. In this case every attempt will be made to select a course from the "alternate selections" list from the student's course request form.
- If two selected courses are only offered at the same time, the student can only be scheduled into one of them. Every attempt will be made to use one of the student's alternate selections to replace the unscheduled course.
- If a student chooses a course that has a prerequisite and the student's final grade in the prerequisite course is not adequate, the student's schedule will be adjusted accordingly.

For these reasons, it is crucial that the student completes the "alternate selections" section of the course request form. Please note that if this section is not completed, the student will be scheduled for available electives.

Students should discuss and plan their schedule with their parents. Parents should ensure their student's planned schedule reflects the scheduling procedures and courses needed for graduation.

***Please use the following link to view Bartram Trail course progressions. This document can be used as a guide throughout the course selection process.

[Course Progressions](#)

SCHEDULE CHANGE PROCEDURES

Please be aware of the Schedule Change Procedure when course selections and their alternates are made. Course changes must take place **prior to the last day of the school year**. All students who register for a full-credit course are expected to remain in the course for both semesters as scheduling is done on a full-year basis.

The below reasons to request a schedule correction will be the ONLY ones considered per the District Student Progression Policy found here: <https://www.stjohns.k12.fl.us/spp/high/curriculum/>

- **Duplicate course (you have already taken the course)**
- **Missing a course/hole in schedule**
- **Misplaced/wrong level.**

St. Johns County School District employs teachers certified by the Florida Department of Education. The school administration will decide the instructor for each course section. Students and parents are expected to abide by the choice of instructor. Course content is consistent in all sections with the same course number and description.

It is very important that you choose your courses carefully. The master schedule is built, and teachers are hired based on your course requests. Changes once the school year has started may not be possible. **The last date to request a course selection change for the 2026-2027 school year is Wednesday, April 15, 2026.**

GRADE FORGIVENESS

State law requires a cumulative 2.0 GPA to graduate. Forgiveness policies for **required** courses will be limited to replacing a grade of "D" or "F", or the equivalent, with a grade of "C" or higher, or its equivalent, earned subsequently in the **same** or **comparable** course. Forgiveness policies for **elective** courses will be limited to replacing a grade of "D" or "F", or the equivalent, with a grade of "C" or higher, or its equivalent, earned subsequently in the **same**, a **comparable** or **another** course. These restrictions on forgiveness do not apply to students below grade 9 taking high school courses. Such students may repeat a course for forgiveness with grades above a "D".

Any course credit not replaced according to the district's forgiveness policy will be included in the calculation of the cumulative GPA required for graduation. All courses and grades must be included on the student's transcript.

If an "F" is received in a course required for graduation, the student is strongly encouraged to repeat the course as soon as possible. Please note that failure to earn a full credit in a year-long course required for graduation may keep a student from going on to a higher course in that subject area.

A student is cautioned NOT to repeat courses for which credit has already been received. No credit will be awarded the second time. Courses in which one earns a C or higher may NOT be retaken to improve a grade.

The district's Student Progression Plan contains updated information on grade forgiveness.

<https://www.stjohns.k12.fl.us/spp/high/forgiveness/>

Honors or Advanced Course Placement

The St. Johns County School District criteria for honors or advanced course placement are any **one** of the following:

- Grades – A grade of C or better in the previous honors course or a grade of A in the previous standard course
- FAST – Level 4 or 5 in appropriate area and not less than a Level 3 in any area
 - on Mathematics FAST for placement in honors mathematics classes
 - on Reading FAST for placement in honors English, social studies and science or foreign language
- **PSAT – A score of 480 or higher on the appropriate assessment**
 - Math score for mathematics honors class placement
 - Reading and/or language for English, social studies, science and foreign languages honors class placement
- **PLAN – A score of 170 (English), 210 (mathematics) or higher on the appropriate assessment**
 - Math score for mathematics honors class placement
 - Reading and/or language for English, social studies, science and foreign languages honors class placement
- **Norm Referenced Test – Stanine of 7, 8, or 9 on an appropriate assessment**
 - Math score for mathematics honors class placement
 - Reading and/or language for English, social studies, science and foreign languages honors class placement

Please Note: Students with level 1 or 2 on their ELA-FAST will be placed in courses that provide targeted or intensive reading interventions, and the students may not qualify for an honors level course.

According to the SJCS District Student Progression Plan, if a student is enrolled in an Honors or AP course, the student may not drop the course until the end of the first semester and **ONLY** if **ALL** of the following conditions exist:

- Students have a grade of D or F
- Completion of a parent conference during each grading period
- Demonstration of the student seeking consistent academic assistance
- Space available in a comparable class

DUAL ENROLLMENT CRITERIA

- *Demonstrate readiness for college or career level course work
- *Be seeking a vocational certificate, a college credit vocational/technical certificate, an associate in science college degree, or an associate in arts college degree
- *Have a minimum 3.0 unweighted cumulative GPA
- *Be classified as a high school junior or senior and have demonstrated academic, social and emotional maturity to ensure success in college level study
- *Have a counselor and principal's approval
- *Be limited to 10 hours of college credit enrollment per college semester
- *Maintain a "C" or better in each class to remain in the dual enrollment program
- *Be aware that receiving a "W", "D" or an "F" for any course results in ineligibility to remain in the dual enrollment program

Provide acceptable results from the American College Test (ACT), the Scholastic Aptitude Test (SAT), the Postsecondary Education Readiness Test (PERT) or another standardized placement test for college level English and math:

Reading/Writing	Mathematics
ACT 19/17	ACT 21
SAT 24/25	SAT 25
PERT 106/103	PERT 123

Graduation Requirements

4 Credits ELA
<ul style="list-style-type: none">• ELA 1, 2, 3, 4• ELA honors, Advanced Placement (AP), AICE, IB and dual enrollment may satisfy this requirement
4 Credits Mathematics
<ul style="list-style-type: none">• One of which must be Algebra 1 and one of which must be Geometry.• Industry Certifications that lead to college credit may substitute for up to two mathematics credits (except for Algebra 1 and Geometry) **• An identified computer science*** credit may substitute for up to one mathematics credit (except for Algebra 1 and Geometry)
3 Credits Science
<ul style="list-style-type: none">• One of which must be Biology, two of which must be equally rigorous science courses.• Two of the three required course credits must have a laboratory component.• Industry Certifications that lead to college credit may substitute for up to one science credit (except for Biology) **• An identified computer science*** credit may substitute for up to one science credit (except for Biology)
3 Credits Social Studies
<ul style="list-style-type: none">• 1 credit in World History• 1 credit in U.S. History• 0.5 credit in U.S. Government• 0.5 credit in Economics
0.5 Credit in Personal Financial Literacy
1 Credit Fine and Performing Arts, Speech and Debate, Career and Technical Education, or Practical Arts
1 Credit Physical Education
<ul style="list-style-type: none">• To include the integration of health
7.5 Elective Credits
Students must earn a 2.0 unweighted grade-point average (GPA) on a 4.0 scale for all cohort years and pass statewide, standardized assessments.

***Please note that the above graduation requirements pertain to students entering grade 9 in 2023-2024 and thereafter. Please follow the link below for additional information:

[**Graduation Requirements Info**](#)

BARTRAM TRAIL CAREER ACADEMIES



The VyStar Academy of Business and Finance is an academic and internship program for high school students exploring career opportunities within financial services and entrepreneurship. Students participate in a rigorous program of study that contains dual enrollment opportunities, advanced placement opportunities, and honors credit. Students in the academy are able to participate in the DECA student association. For additional information please visit the following website:

[VyStar Academy of Business & Finance](#)



Students participate in a rigorous and relevant curriculum that focuses on one of three strands: Interior Design, Architectural Design or Fashion Design. Students will explore their creative talents in decor and fashion design, as well as gain valuable drafting skills using AutoCAD. Post- secondary opportunities are available through the University of North Florida and the Florida State College at Jacksonville. For additional information please visit the following

websites:

[Architecture Design](#)

[Fashion Design](#)

[Interior Design](#)



The Academy of Information Technology is committed to exposing students to a rigorous curriculum that challenges students with current and future technologies, provides industry certifications, and prepares them for success in college and careers in high-demand technical fields.

The students participate in a coherent and rigorous content aligned with challenging academic standards. The students are provided with relevant technical knowledge and skills. This prepares students for further education and careers in all aspects of the Information Technology careers. The content includes but is not limited to computer application skills, computer hardware, software applications, web applications, web page design, systems support, and network concepts. For additional information please visit the following website:

[Information Technology sponsored by Citi](#)

The objectives of JROTC are to educate and train high school cadets in citizenship, promote community service, instill responsibility, character, and self-discipline, and provide instruction in air and space fundamentals. The AFJROTC program is grounded in the Air Force core values of integrity first, service before self, and excellence in all we do. The curriculum emphasizes the Air Force heritage and traditions, the development of flight, applied flight sciences, military aerospace policies and space exploration.

[Air Force Junior ROTC Website](#)



ACADEMY COURSES

VyStar Academy of Business and Finance

Entrepreneurship Strand

Business & Entrepreneurial Principles Honors**

Course No.: 8215120

Prerequisite: None

Credit: 1.0

This course is designed to provide an introduction to business organization, management, and entrepreneurial principles. Topics include communication skills, various forms of business ownership and organizational structures, supervisory/management skills, leadership skills, human resources management activities, business ethics, and cultural diversity. Emphasis is placed on job readiness and career development. The use of computers is an integral part of this program.

Accounting Applications 1 Honors**

Course No.: 8203310

Prerequisite: Keyboarding and Business Skills or Business Systems and Technology or Introduction to IT

Credit: 1.0

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

Legal Aspects of Business Honors**

Course No.: 8215130

Prerequisite: Business & Entrepreneurial Principles Honors

Credit: 1.0

This course is designed to introduce the legal aspects of business. Topics include business law concepts, forms of business ownership, insurance awareness, governmental regulations, management functions, human resources management issues, and career development. The use of computers is an integral part of this program.

Management & Human Resources Honors**

Course No: 8301110

Prerequisite: Legal Aspects of Business Honors

Credit: 1.0

This course explores the reach and impact of managing people, one of the most important resources of an organization. Students are required to perform higher level strategic thinking. Topics include management policy development, evaluating organizational effectiveness, sourcing and recruitment, hiring and retention planning, employee training, performance appraisals, compensation and benefit programs, maintaining working conditions and providing a safe working environment.

Finance Strand

Business Communication and Technology

Course Number: 8815150

Course Credit:1

Course Description:

This course is designed to provide an overview of current business, finance and information systems and trends and to introduce students to the foundations required for today's business environment. Emphasis is placed on developing proficiency with computer applications, so that they may be used as communication tools for enhancing personal and workplace proficiency in an information-based society. This also includes proficiency with computers using databases, spreadsheets, presentation applications, financial and tax software applications and the integration of these programs using software that meets industry standards.

Accounting Applications 1 Honors**

Course No.: 8203310

Prerequisite: Digital Information Technology or Business Communications Technology

Credit: 1.0

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

Economics and Financial Services Honors**

Course No.: 8815110

Prerequisite: Accounting Applications 1

Credit: 1.0

This course is designed to continue the study of accounting principles. The content includes voucher systems, cash receipts, petty cash, payroll records and internal control systems. The use of computers is required.

Personal Finance Honors

Course No.: 8815120

This course develops an awareness of the need for care and organization in planning for the wise use of economic resources and financial products available through a study of savings, credit, insurance, banking, investing and financial goals. The students are also made aware of the career opportunities offered in financial services.

Dual Enrollment Offered on Campus through SJRSC for Seniors in the VyStar Academy of Finance:

Personal Finance

Course No.: FIN 1100

Credit: 0.5

This course includes a study of budgeting, borrowing, financial institutions, family finance, home ownership, insurance, estate planning, and the buying and selling of stocks, bonds, and mutual funds. In addition, the correlation between education and income will be discussed.

Principles of Management

Course No.: MAN 2021

Credit: 0.5

This is an introduction to the world of management with emphasis on the mid-manager. Topics include the fundamental knowledge base, including motivation, behavioral processes, group dynamics, organizational structure, systems, and change. The management processes reviewed include planning, leading, organizing and controlling and control. Emphasis is also placed on communication skills.

Academy of Design and Building Construction

Design Services Core**

Course No.: 8506405

Prerequisite: None

Credit: 1.0

This course is the core course of the Interior Design Services and Fashion Design program. It is designed to develop competencies in the areas of the interior design/decorating/fashion 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.

Fashion Design Strand

Principles of Fashion Design**

Course No.: 8506410

Prerequisite: Design Services Core

Credit: 1.0

This course is the second course of the fashion design services program. It is designed to further develop competencies in the area of fashion design services. It includes employment opportunities in fashion design services, basic skills essential to working in this industry, employability skills, elements and principles of design, the terminology of the apparel industry, garment construction skills, sales techniques, and entrepreneurship.

Fashion Design Specialist Honors**

Course No.: 8506430

Prerequisite: Meets Honors Criteria

Credit: 1.0

This course is designed to further develop competencies in the area of fashion design services. It includes researching history and culture's effect on design, sketching and free hand drawing, use of technology in the fashion industry, clothing needs for special populations, and creation of an original pattern.

Pattern Design Techniques Honors**

Course No.: 8506420

Prerequisite: Design Services Core

Credit: 1.0

This course is designed to further develop competencies in the area of fashion design services. It includes researching history and culture's effect on design, sketching and free hand drawing, use of technology in the fashion industry, clothing needs for special populations, and creation of an original pattern.

Interior Design Strand

Principles of Interior Design**

Course No.: 8506540

Prerequisite: Design Services Core

Credit: 1.0

This course is the second course in the Interior Design Services program. It is designed to further develop competencies in the area of 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.

Interior Design Techniques**

Course No.: 8506550

Prerequisite: Principle of Interior Design

Credit: 1.0

This course is designed 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 drawing, the impact of human, environmental and ergonomic factors on design, rendering techniques, and the development of a design project.

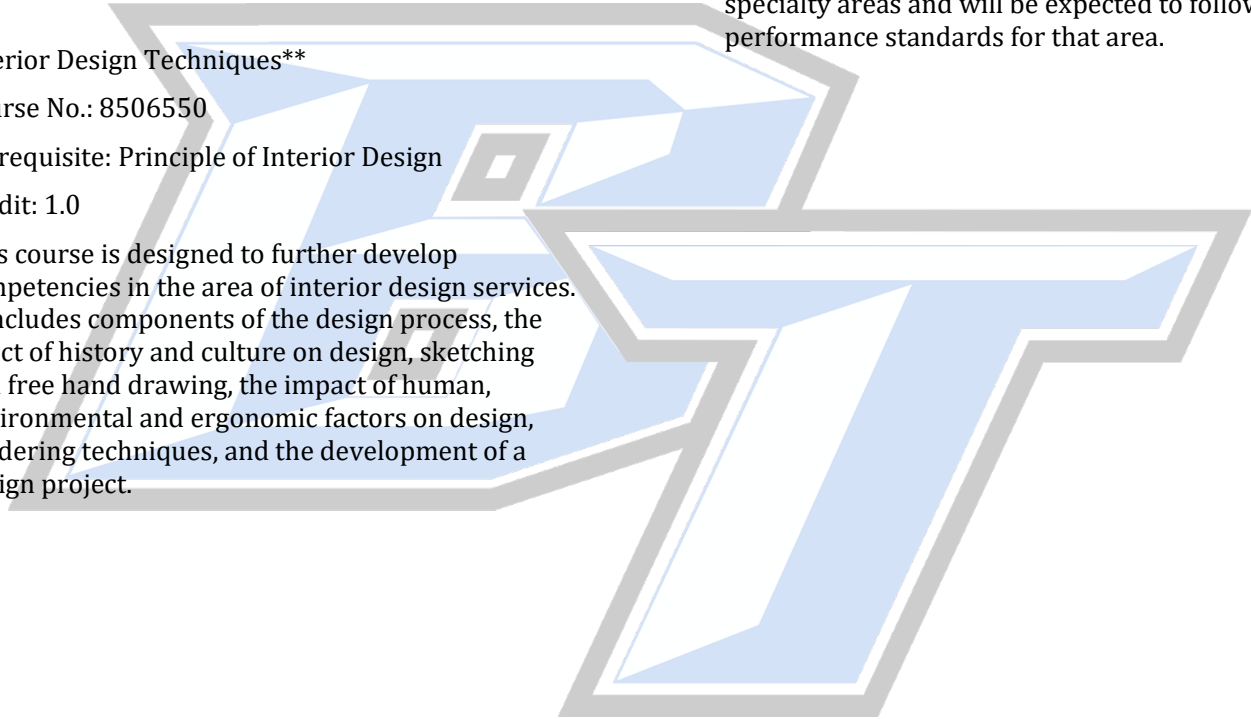
Interior Design Specialist Honors**

Course No.: 8506560

Prerequisite: Meets Honors Criteria

Credit: 1.0

This course 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 one of those specialty areas and will be expected to follow the performance standards for that area.



Architectural Design

Drafting 1 Honors**

Course No.: 8725010

Prerequisite: None

Credit: 1.0

This course provides students with an introduction to knowledge, skills, equipment, tools and basic principles of architecture and design.

Drafting 3 Honors**

Course No.: 8725030

Prerequisite: Drafting 2 and Teacher Recommendation

Credit: 1.0

This program provides students with an advanced program related to drafting technology. Advanced, computer-aided drafting functions are performed.

Drafting 2 Honors**

Course No.: 8725020

Prerequisite: Drafting 1 and Teacher Recommendation

Credit: 1.0

This course provides students with an expanded study and application of knowledge and skills in engineering, drawing, technical illustrating or architectural drawing, including skills in computer assisted drafting and designing.

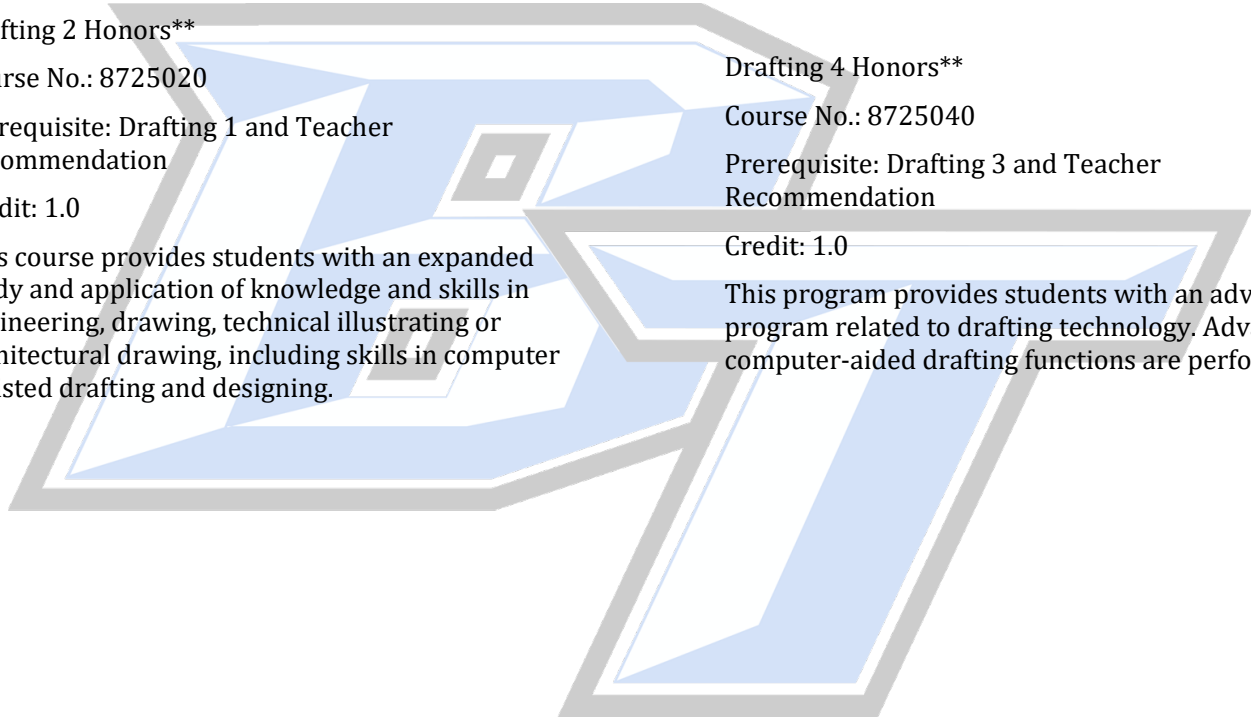
Drafting 4 Honors**

Course No.: 8725040

Prerequisite: Drafting 3 and Teacher Recommendation

Credit: 1.0

This program provides students with an advanced program related to drafting technology. Advanced, computer-aided drafting functions are performed.



Information Technology Academy

Web Development Principles Honors**

Course No.: 9003520

Credit: 1.0

This course prepares students to program the code to develop websites and to use website design software to design and update websites. Students will learn HTML, CSS, JavaScript and Dreamweaver programs.

IT Principles Honors**

Course No.: 9003510

Credit: 1.0

This program offers a broad foundation of knowledge and skills to prepare students for employment in network support services positions.

Database Principles Honors**

Course No.: 900353

Credit: 1.0

This course prepares students to develop intricate databases and analyze data from those reports for decision-making purposes using MOS Access.

Cloud Principles Honors**

Course No.: 9003550

Credit: 1.0

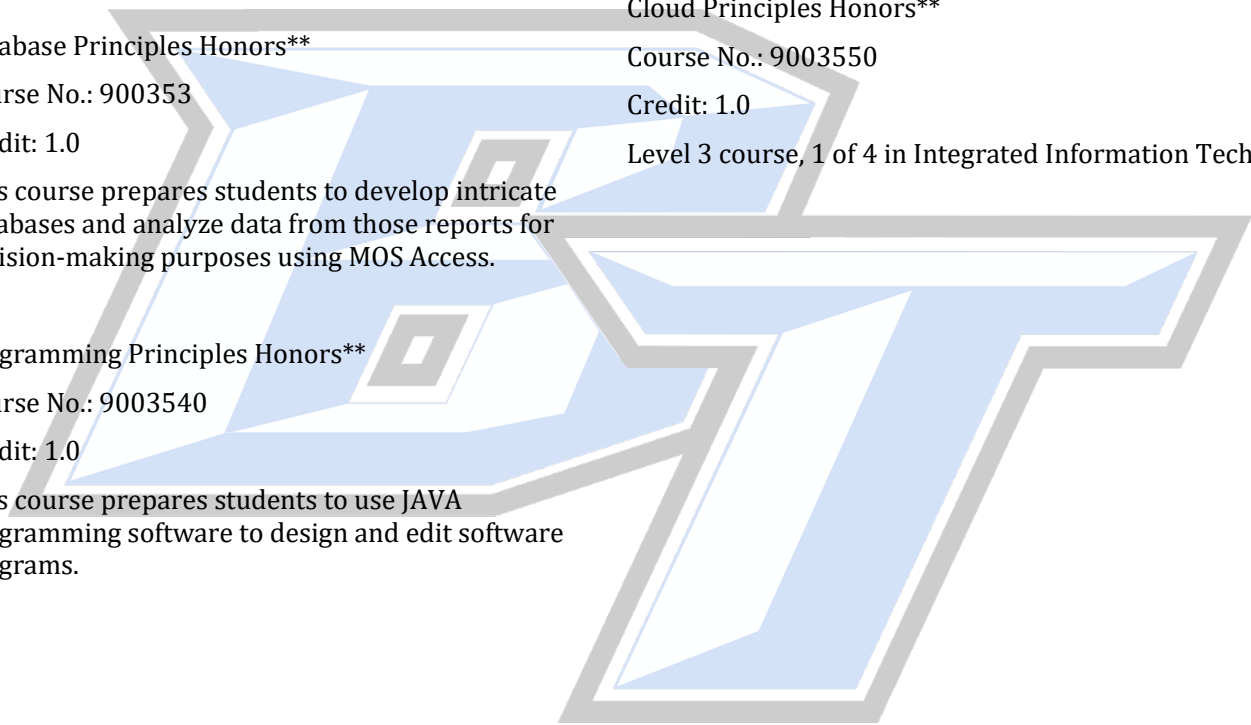
Level 3 course, 1 of 4 in Integrated Information Technology

Programming Principles Honors**

Course No.: 9003540

Credit: 1.0

This course prepares students to use JAVA programming software to design and edit software programs.



Air Force ROTC

Air Force: Aerospace Science 4 – Leadership Development**

Course No.: 1800330

Prerequisite: Program of Study/Academy Acceptance

Credit: 1.0

The purpose of this course is to enable students to develop knowledge of physical and human geography in the major regions of the world. Students develop fundamental management concepts and skills and apply them in corps activities.

Turf Management

Landscape & Turf Science 4**

Course No.: 8121310

Credit: 1.0

This course is designed to further develop competencies in the areas of use and maintenance of landscape and turf equipment, classification of plants and turf grass, fertilization and irrigation.

Landscape & Turf Science 5**

Course No.: 8121320

Credit: 1.0

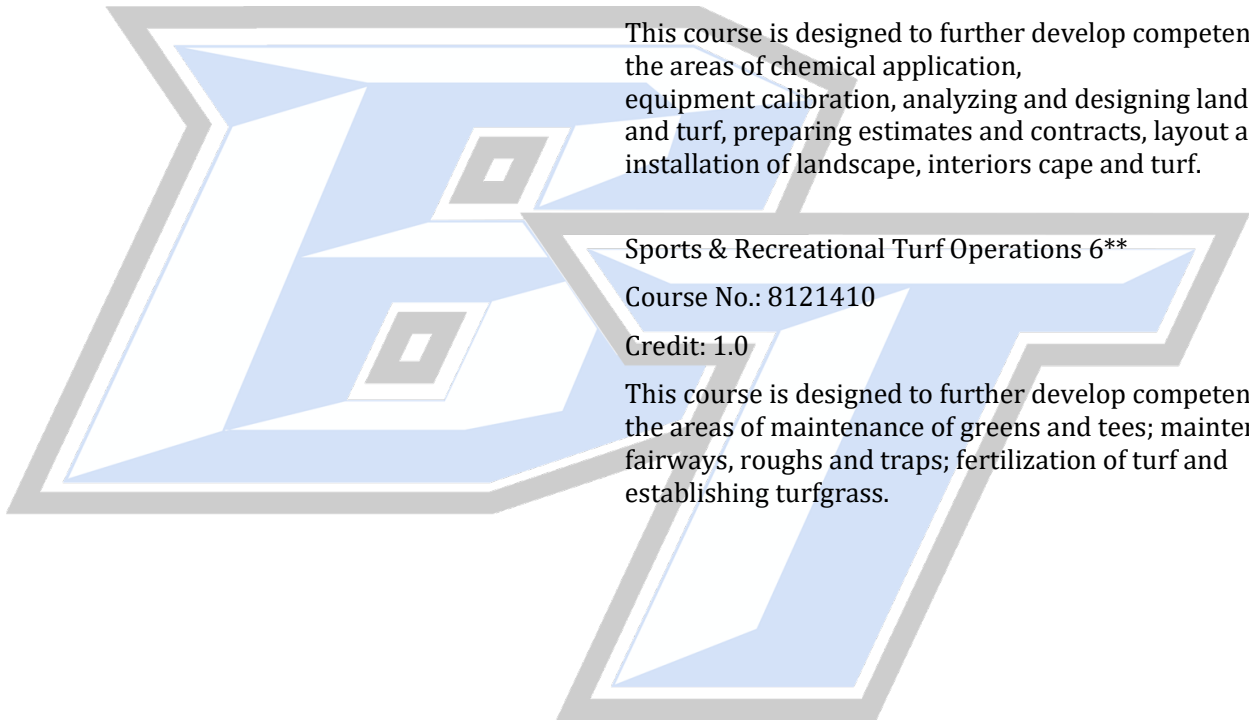
This course is designed to further develop competencies in the areas of chemical application, equipment calibration, analyzing and designing landscape and turf, preparing estimates and contracts, layout and installation of landscape, interiors cape and turf.

Sports & Recreational Turf Operations 6**

Course No.: 8121410

Credit: 1.0

This course is designed to further develop competencies in the areas of maintenance of greens and tees; maintenance of fairways, roughs and traps; fertilization of turf and establishing turfgrass.



ART ELECTIVES

AP Art History**

Course No.: 0100300

Prerequisite: Meet Honors Criteria

Credit: 1.0

This course offers the serious student the opportunity to explore the history of art from ancient times to the present. This course presents high school students to the same curriculum and rigors that college students experience in Survey of Art classes. The course includes: the elements of art, art history terminology, and technical processes used by artists through human history. Students will gain knowledge of architecture, sculpture, painting, and other art forms within diverse historical and cultural contexts. Works of art must be understood in the context and culture that produced them. The focus is on Western European art and art beyond European tradition. Students are expected to take a final AP exam.

AP Drawing**

Course No.: 0104300

Prerequisite: Teacher Recommendation

Credit: 1.0

AP Studio Art Drawing is offered to serious students who are interested in the in-depth investigation and practical experience of art, who wish to develop mastery in concept, composition and execution of their ideas. This high level, rigorous course is based on independent work with the goal of producing a portfolio of work to be submitted to the College Board for AP credit. The course requires investigation of Quality, Concentration, and Breadth of work. Emphasis on drawing and mark-making through a variety of media. Students must have teacher recommendations and successful completion of first 2 levels of previous coursework. Students are expected to take a final AP exam.

AP 2-D Art & Design**

Course No.: 0109350

Prerequisite: Meet Honors Criteria

Credit: 1.0

Advanced Placement 2D art is a course intended to address a very broad interpretation of two-dimensional (2-D) design issues. This type of design involves purposeful decision-making about how to use the elements and principles of art in an integrative way. It is for the advanced student who wishes to seek AP credit through submitting a Portfolio of work for consideration by the College Board. Students will work in either 2D art or Photography. Students must have teacher recommendations and successful completion of first 2 levels of previous coursework. Students are expected to take a final AP exam.

AP 3-D Art & Design**

Course No.: 0109360

Prerequisite: Portfolio I and Teacher Recommendation

Credit: 1.0

The AP Studio Art 3D course is offered to students who are interested in the in-depth investigation of the experience and mastery of 3D art. This high level, rigorous course is based on independent work with the goal of producing a portfolio of work to be submitted to the College Board for AP credit. The course requires investigation of Quality, Concentration, and Breadth of work.

Students are expected to work independently to demonstrate the elements of art and principles of design within 3D design. Teacher recommendations are required along with the successful completion of the first 2 levels of previous coursework. Students are expected to take a final AP exam.

2-D Studio Art I**

Course No.: 0101300

Prerequisite: None

Credit: 1.0

This Fine Arts class promotes the enjoyment and appreciation of art as students experiment with the media and techniques used to create two-dimensional (2-D) artworks, including drawing, painting, printmaking, collage, and more. Focus is on the elements of art and the principles of design used to create work that is inspired by works from Art History. Students will analyze and discuss other's works. Analytical and problem-solving skills used to improve work and that of their peers, self-diagnosing and experimenting with potential solutions to art challenges based on their foundational structural, historical, and cultural knowledge. Art supplies may need to be purchased.

2-D Studio Art II**

Course No.: 0101310

Prerequisite: 2-D Studio Art I

Credit: 1.0

This Fine Arts intermediate-level class promotes the enjoyment and appreciation of art as students strengthen their use of media and techniques to create both teacher-assigned and self-directed two-dimensional (2-D) artworks, which may include drawing, painting, printmaking, collage, and more. Students regularly reflect on aesthetics and issues related to art and reinforce knowledge of the elements of art and principles of design, manipulating them to create works of art that are progressively more innovative. Students are expected to be able to analyze and discuss their own and other works of art. Additional art supplies may need to be purchased.

2-D Studio Art III Honors**

Course No.: 0101320

Prerequisite: 2-D Studio Art II

Credit: 1.0

This Fine Arts class promotes the enjoyment and appreciation of art as students refine their use of media and techniques to create primarily self-

directed, two-dimensional (2-D) artworks at high levels of proficiency and independence. Students regularly reflect on aesthetics and art issues individually and as a group and manipulate the elements of art and principles of design to create works of art that are progressively more innovative and representative of the student's artistic growth. Students will develop a Portfolio or body of work that may be used for a future AP class.

3-D Studio Art I**

Course No.: 0101330

Prerequisite: None

Credit: 1.0

In this, entry-level class, students experiment with the media and techniques used to design and construct three-dimensional (3-D) artworks, including sketching, carving, modeling, and assembling in such media as clay wire, wood, paper mâché, and found objects. Students use analytical and problem-solving skills to improve their work and that of their peers, self-diagnosing and experimenting with potential solutions to art challenges based on their foundational structural, historical, and cultural knowledge.

3-D Studio Art II**

Course No.: 0101340

Prerequisite: 3-D Studio Art I

Credit: 1.0

In this course students strengthen their use of media and techniques used to design and construct three-dimensional (3-D) artworks, including sketching, carving, modeling, and assembling in such media as clay, wire, wood, paper mâché, and found objects. Students reflect on aesthetics and issues related to art and reinforce knowledge of the elements of art and principles of design. They use sophisticated oral and written analytical and problem-solving skills to improve their work and that of their peers.

3-D Studio Art III Honors**

Course No.: 0101350

Prerequisite: 3-D Studio Art II

Credit: 1.0

In this course students refine their use of media and techniques to create primarily self-directed, three-dimensional (3D) artworks at high levels of proficiency and independence. Students regularly reflect on aesthetics and art issues individually and as a group and manipulate the structural elements of art and organizational principles of design to create works of art that are progressively more innovative and representative of the student's artistic and cognitive growth.

Portfolio Development: Three- Dimensional Design Honors**

Course No.: 0109330

Prerequisite: Teacher Recommendation

Credit: 1.0

The purpose of this course is to study and produce a variety of sophisticated, original, and creative two- and three-dimensional works of art.

Digital Design 1**

Course No.: 8209510

Prerequisite: None

Credit: 1.0

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, measurement activities; and digital imaging as well as communication, collaboration, and decision- making activities; critical thinking; and problem solving.

Digital Design 2 Honors**

Course No.: 8209520

Prerequisite: Digital Design 1

Credit: 1.0

This course continues the development of basic entry-level skills required for careers in the digital publishing industry. The content includes computer skills; digital publishing operations; layout, design, and measurement activities; and digital imaging as well as communication, collaboration and decision-making activities; critical thinking; and problem solving.

Digital Design 3 & 4 Honors**

Course No.: 8209530

Prerequisite: Digital Design 1 & 2

Credit: 1.0

This course continues the development of industry- standard skills required for careers in the digital publishing industry. The content includes the use of a variety of software and equipment to perform digital publishing and digital imaging activities as well as communication, collaboration, and decision-making activities; critical thinking; and problem solving.

Portfolio Development: Drawing Honors**

Course No.: 0109310

Prerequisite: Teacher Recommendation

Credit: 1.0

Students work in a self-directed environment to develop a portfolio showing a body of their own work that visually explores a particular artistic concern, articulated, and supported by a written artist's statement. Artists may work in, but are not limited to, content in drawing, painting, printmaking, and/or mixed media. In keeping with the rigor expected in an accelerated setting, students' portfolios show personal vision and artistic growth over time, mastery of visual art skills and techniques, and evidence of historical and cultural knowledge.

Pre-Advanced Placement Visual Arts**

Course No.: 0114900

Prerequisite: Teacher Recommendation

Credit: 1.0

Students will independently reflect on and analyze their progress in refining skills and identify skills or techniques they wish to develop further or combine in new ways. Students will reflect on multiple iterations of work, identifying skills or techniques they wish to refine, and build familiarity with materials and processes by producing multiple investigations using the same material or process.

Creative Photography 1**

Course No.: 0108310

Prerequisite: None

Credit: 1.0

Students explore the aesthetic foundations of art making using beginning photography techniques. This course may include, but is not limited to, color and/or black and white photography via digital media and/or traditional photography.

Students become familiar with the basic mechanics of a camera, including lens and shutter operation, compositional foundations, printing an image for display, and evaluating a successful print. Student photographers may use a variety of media and materials, such as 35mm black and white film, single lens reflex camera, digital camera, darkroom, computer application, filters, various papers, digital output, photogram, cyanotypes, Sabatier effect, and pinhole photography.

Craftsmanship and quality are reflected in the surface of the prints and the care of the materials. Photographers use an art criticism process to evaluate, explain, and measure artistic growth in personal, or group works.

LANGUAGE ARTS

English I

Course No.: 1001310

Prerequisite: None

Credit: 1.0

The purpose of this course is to build upon previous years' language arts experiences, emphasizing a survey of literary genres, the writing process, reading strategies, study skills and vocabulary development.

accelerated, in-depth studies emphasizing a survey of world literature, advanced reading strategies, modes of writing including expository, persuasive, narrative and descriptive.

English I Honors

Course No.: 1001320

Prerequisite: Meet Honors Criteria

Credit: 1.0

The purpose of this course is to build upon previous years' language arts experiences through accelerated, in-depth studies emphasizing a survey of literary genres, writing process, reading strategies, study skills and vocabulary development.

English III

Course No.: 1001370

Prerequisite: English II

Credit: 1.0

The purpose of this course is to build upon previous years' language arts experiences and to emphasize the research process and a survey of American literature.

English II

Course No.: 1001340

Prerequisite: English I

Credit: 1.0

The purpose of this course is to build upon previous years' language arts experiences emphasizing a survey of world literature, advanced reading strategies, modes of writing including expository, persuasive, narrative and descriptive.

English III Honors

Course No.: 1001380

Prerequisite: English II and Meet Honors Criteria

Credit: 1.0

The purpose of this course is built upon previous years' language arts experiences through accelerated, in-depth studies emphasizing the research process and a survey of American literature.

English II Honors

Course No.: 1001350

Prerequisite: English I and Meet Honors Criteria

Credit: 1.0

The purpose of this course is to build upon previous years' language arts experiences through

AP English Language and Composition

Course No.: 1001420

Prerequisite: Meet Honors Criteria

Credit: 1.0

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

English IV

Course No.: 1001400

Prerequisite: English III

Credit: 1.0

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

AICE English General Paper 1

Course No.: 1009400

Prerequisite: English III and Meet Honors Criteria

Credit: 1.0

The Cambridge International AS Level English General Paper encourages learners to engage with a variety of topics, including knowledge and understanding gained from study of other subjects. They learn to become confident in analyzing knowledge and opinion from a variety of sources, to build arguments and to communicate through written English.

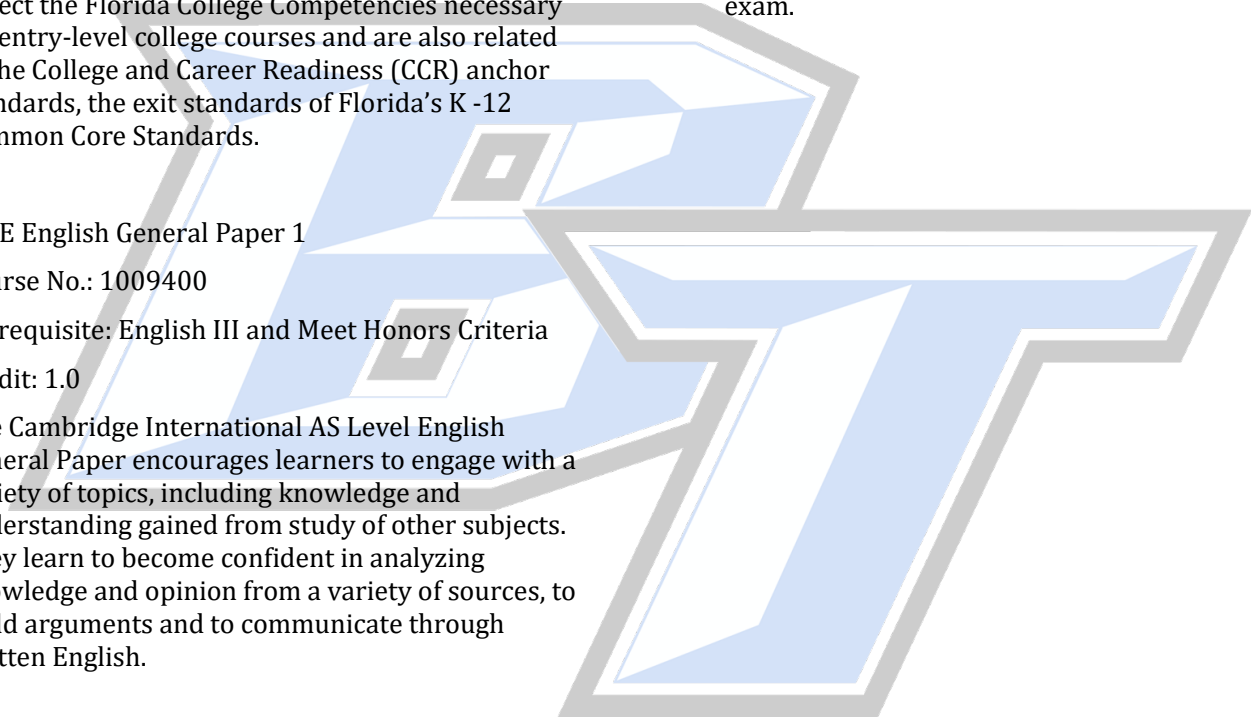
AP English Literature and Composition

Course No.: 1001430

Prerequisite: Meet Honors Criteria

Credit: 1.0

The purpose of this course is to study and practice writing and to study literature. Students will learn to use the modes of discourse and recognize the assumptions underlying various rhetorical strategies. Students will also acquire an understanding of the resources of the language and of the writer's craft. They will develop critical standards for appreciation of any literary work and increase their sensitivity to literature as a shared experience. Students are expected to take a final AP exam.



Language Arts Electives

Research I

Course No.: 1700300

Prerequisites: None

Credit: 1.0

The purpose of this course is to enable students to acquire a critical appreciation of major themes and literary forms present in the Bible. The course will include the study of this literature in its ancient, historical, and cultural contexts, and its impact on Western culture (art, literature, politics, etc.).

Creative Writing 3 Honors

Course No.: 1009331

Prerequisites: Creative Writing II and Permission of Instructor

Credit: 1.0

The purpose of the course is to develop writing and language skills needed for individual expression in traditional poetic forms.

Creative Writing I

Course No.: 1009320

Prerequisites: Teacher Recommendation

Credit: 0.5

The purpose of this course is to develop writing and language skills needed for individual expression in literary forms.

Creative Writing 4 Honors

Course No.: 1009332

Prerequisites: Creative Writing III and Permission of Instructor

Credit: 1.0

The purpose of course is to have students develop a compilation of works of professional literary merit in the form of a chapbook, essay or short story collection.

Creative Writing II

Course No.: 1009330

Prerequisites: Teacher Recommendation

Credit: 0.5

The purpose of this course is to extend the development of the writing and language skills needed for individual expression in the literary forms as introduced in Creative Writing I.

Journalism 1-7 (Yearbook)

Course No.: Multiple

Prerequisite: Teacher Recommendation

Credit: 1.0

The purpose of this course is to provide instruction in basic aspects of journalism and workshop experiences in journalistic production. Students serve on the yearbook committee.

MATHEMATICS

Algebra 1A

Course No.: 1200370

Prerequisite: None

Credit: 1.0

The purpose of this course is to develop algebraic concepts and processes that can be used to solve a variety of real world and mathematical problems. This is the first of a two-year sequence of courses, Algebra Ia and Algebra Ib. Together, the two courses have the same requirements as Algebra I, Course Number 1200310.

Algebra 1

Course No.: 1200310

Prerequisite: None

Credit: 1.0

This course, or its equivalent, is a required course for graduation. Topics include number systems, polynomial operations, solving linear equations and inequalities, coordinate graphing, solving simultaneous linear equations, factoring, exponents, square roots and simple radical equations.

Algebra I Honors

Course No.: 1200320

Prerequisite: Meet Honors Criteria

Credit: 1.0

This course is a rigorous study designed for the student who excels in both ability and performance in mathematics. Topics include enriched and extended study of number systems, polynomial operations, solving linear equations and inequalities, coordinate graphing, solving systems of equations, factoring, exponents, square roots and simple radical equations.

Geometry

Course No.: 1206310

Prerequisite: Algebra I

Credit: 1.0

Geometry is a course designed for college bound students. The course introduces the basic concepts of Euclidean geometry and illustrates basic logic and its use in problem solving. Topics include congruence, similarity, perpendicularity, parallelism, circles and quadrilaterals, proof writing, Pythagorean Theorem and areas of polygons. This course emphasizes the relationship between algebra and geometry in preparation for Algebra II.

Geometry

Course No.: 1206310

Prerequisite: Algebra I

Credit: 1.0

Geometry is a course designed for college bound students. The course introduces the basic concepts of Euclidean geometry and illustrates basic logic and its use in problem solving. Topics include congruence, similarity, perpendicularity, parallelism, circles and quadrilaterals, proof writing, Pythagorean Theorem and areas of polygons. This course emphasizes the relationship between algebra and geometry in preparation for Algebra II.

Geometry Honors

Course No.: 1206320

Prerequisite: Meet Honors Criteria, Algebra I or Algebra I Honors

Credit: 1.0

This course is designed for the student who excels in both ability and performance in college preparatory mathematics. This is a rigorous study of the concepts of Euclidean geometry and illustrates basic logic and its use in problem solving. Extensive out-of-class preparation is required. This course emphasizes the relationship between algebra and geometry in preparation for Algebra II.

Math for College Liberal Arts

Course No.: 1207350

Prerequisite: Geometry

Credit: 1.0

The purpose of this course is to strengthen the skill level of high school seniors who have completed Algebra I, II, and Geometry and who wish to pursue credit generating mathematics courses at college level.

Math for Data & Financial Literacy Honors

Course No.: 1200388

Prerequisite: Geometry

Credit: 1.0

This course will emphasize five areas: (1) extending knowledge of ratios, proportions and functions to data and financial contexts; (2) developing understanding of basic economic and accounting principles; (3) determining advantages and disadvantages of credit accounts and short- and long-term loans; (4) developing understanding of planning for the future through investments, insurance and retirement plans and (5) extending knowledge of data analysis to create and evaluate reports and to make predictions..

Algebra II

Course No.: 1200330

Prerequisite: Algebra I, Geometry

Credit: 1.0

This second course in algebra is designed for college bound students. Topics include number systems, polynomials and factoring, rational expressions, solving rational equations, radicals, logarithmic functions, and conic sections.

Algebra II Honors

Course No.: 1200340

Prerequisite: Geometry or Geometry Honors, Meet Honors Criteria

Credit: 1.0

This course is designed for the student who excels both in ability and performance in college preparatory mathematics. Algebra II Honors is a rigorous study of polynomials and rational algebraic expressions, matrices, irrational numbers, complex

numbers and polynomial functions, logarithms, and quadratics.

Math for College Algebra

Course No.: 1200710

Prerequisite: 3 credits in math

Credit: 1.0

The purpose of this course is to strengthen the skill level of high school seniors who have completed Algebra I, II, and Geometry and who wish to pursue credit generating mathematics courses at college level.

Advanced Placement Pre-Calculus

Course No.: 1202305

Prerequisite: Meet Honors Criteria, Algebra II Honors

Credit: 1.0

This course is designed for the student who excels both in ability and performance in college preparatory mathematics and strengthens the student's skill in preparation for calculus. Topics include extension of polynomial functions, exponential and logarithmic functions, sequences and series, trigonometry, mathematical induction, matrix algebra, elementary functions and limits.

Probability & Statistics with Applications Honors

Course No.: 1210300

Prerequisite: Meets Honors Criteria & Teacher Recommendation

Credit: 1.0

The purpose of this course is to introduce students to the fundamentals of descriptive and inferential statistics with a pronounced emphasis on inference. Major topics include Conditional Probability and the Rules of Probability; Making Inferences and Justifying conclusions; Interpreting Categorical and Quantitative Data and Using Probability to Make Decisions.

Advanced Placement (AP) Calculus AB

Course No.: 1202310

Prerequisite: Pre-Calculus, Meet Honors Criteria

Credit: 1.0

This course is designed for students considering a math and/or science major at a four-year college. Topics include anti-derivatives, definite integrals, and applications of the integral. Extensive out-of-class preparation is required. Students are expected to take a final AP exam.

Advanced Placement (AP) Calculus BC

Course No.: 1298310

Prerequisite: AP Calculus AB, Meet Honors Criteria

Credit: 1.0

The purpose of this course is to provide an extensive study of the general theory and techniques of calculus. Students are expected to take a final AP exam.

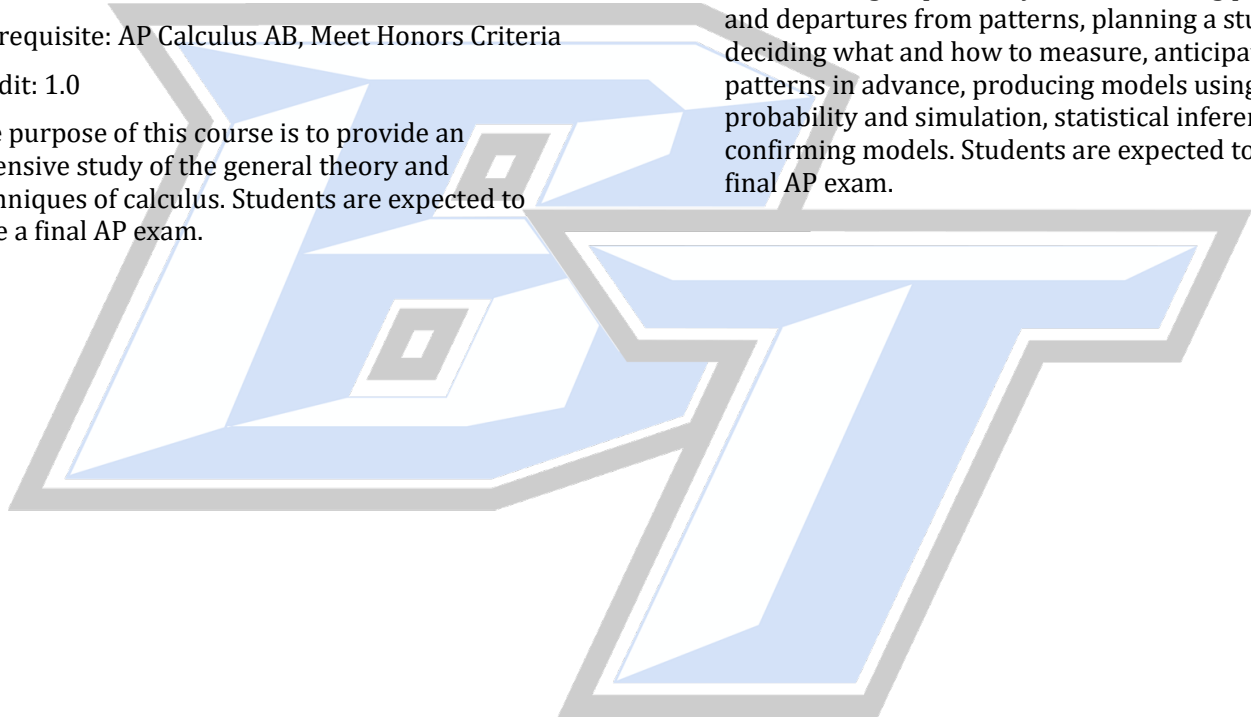
Advanced Placement (AP) Statistics

Course No.: 1210320

Prerequisite: Algebra II Standard or Honors, Meet Honors Criteria

Credit: 1.0

The course will include, but will not be limited to, the following: exploratory data, observing patterns and departures from patterns, planning a study, deciding what and how to measure, anticipating patterns in advance, producing models using probability and simulation, statistical inference, confirming models. Students are expected to take a final AP exam.



PERFORMING ARTS

Band Electives (Audition only)

Band I**

Course No.: 1302300

Prerequisite: None

Credit: 1.0

The purpose of this course is to enable students to develop basic technical skills on wind or percussion instruments through the refinement and performance of high school band literature.

Emphasis will be placed on the development of skills in interpretation of notation and expressive markings, individual and ensemble performance, and critical listening. Students enrolled in this course are members of the Marching Band. This course includes after school and weekend activities.

Band II**

Course No.: 1302310

Prerequisite: Band I and Director's Approval

Credit: 1.0

The purpose of this course is to enable students to develop intermediate-level technical skills on wind or percussion instruments through the refinement and performance of high school band literature. Emphasis will be placed on the development of skills in interpretation of notation and expressive markings, individual and ensemble performance, and critical listening. Students enrolled in this course are members of the Marching Band. This course includes after school and weekend activities.

Band III**

Course No.: 1302320

Prerequisite: Band II and Director's Approval

Credit: 1.0

The purpose of this course is to enable students to develop proficient technical skills on wind or percussion instruments through the refinement and performance of high school band literature.

Emphasis will be placed on the development of skills in interpretation of notation and expressive markings, individual and ensemble performance, and critical listening. Students enrolled in this course are members of the Marching Band. This course includes after school and weekend activities.

Band IV**

Course No.: 1302330

Prerequisite: Band III and Director's Approval

Credit: 1.0

The purpose of this course is to enable students to develop consistently proficient technical skills on wind or percussion instruments through the refinement and performance of high school band literature. Emphasis will be placed on the development of skills in interpretation of notation and expressive markings, individual and ensemble performance, critical listening, and aesthetic response. Students enrolled in this course are members of the Marching Band. This course includes after school and weekend activities.

Band V Honors**

Course No.: 1302340

Prerequisite: Meets Honors Criteria, Band IV, and Director's Approval

Credit: 1.0*

The purpose of this course is to enable students to develop advanced technical skills on wind or percussion instruments through the refinement and performance of high school band literature.

Emphasis will be placed on the development of skills in interpretation of notation and expressive markings, individual and ensemble performance, critical listening, and aesthetic response. Students enrolled in this course are members of the Marching Band. This course includes after school and weekend activities.

Band VI Honors**

Course No.: 1302350

Prerequisite: Meets Honors Criteria, Band V, and Director's Approval

Credit: 1.0

The purpose of this course is to enable students to develop advanced technical skills on wind or percussion instruments through the refinement and performance of high school band literature.

Emphasis will be placed on the development of skills in interpretation of notation and expressive markings, individual and ensemble performance, critical listening, and aesthetic response. Students enrolled in this course are members of the Marching Band. This course includes after school and weekend activities.

Jazz Ensemble I**

Course No.: 1302500

Prerequisite: Director's Approval

Credit: 1.0

The purpose of this course is to enable students to develop basic skills in jazz performance through knowledge of styles and performance techniques of varied jazz and contemporary literature.

Jazz Ensemble II**

Course No.: 1302510

Prerequisite: Band I, Directors Approval

Credit: 1.0

The purpose of this course is to enable students to develop intermediate-level skills in jazz performance through knowledge of styles and performance techniques of varied jazz and contemporary literature.

Jazz Ensemble III**

Course No.: 1302520

Prerequisite: Jazz Ensemble II

Credit: 1.0

The purpose of this course is to develop the ability to apply the knowledge of styles and techniques of varied contemporary, popular, and jazz literature.

Jazz Ensemble IV Honors**

Course No.: 1302530

Prerequisite: Meet Honors Criteria, Jazz Ensemble III

Credit: 1.0

The purpose of this course is to develop independence in knowledge of styles and performance techniques of varied contemporary music and jazz literature.

Instrumental Techniques I**

Course No.: 1302420

Prerequisite: Director's Approval

Credit: 1.0

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

Instrumental Techniques II**

Course No.: 1302430

Prerequisite: Instrumental Techniques I and Directors Approval

Credit: 1.0

The purpose of this course is to enable students to develop intermediate-level performance skills on a selected instrument in a solo or small ensemble setting using varied high school literature.

Performance techniques, music knowledge, critical analysis and aesthetic response are emphasized.

Instrumental Techniques III**

Course No.: 1302440

Prerequisite: Instrumental Techniques II and Director's Approval

Credit: 1.0

The purpose of this course is to provide instrumental instruction for solo performance in a class situation.

Instrumental Techniques IV Honors**

Course No.: 1302490

Prerequisite: Meet Honors Criteria, Instrumental Techniques III, and Director's Approval

Credit: 1.0

The purpose of this course is to provide advanced instrumental instruction for solo performance in a class situation.

Music Electives

Guitar I**

Course No.: 1301320

Prerequisite: None

Credit: 1.0

The purpose of this course is to enable students to develop basic skills in guitar performance, including interpretation of notation and performance in varied styles.

Guitar II**

Course No.: 1301330

Prerequisite: Guitar I and Director's Approval

Credit: 1.0

The purpose of this course is to provide instruction in guitar using varied performance techniques.

Guitar III**

Course No.: 1301340

Prerequisite: Guitar II and Director's Approval

Credit: 1.0

The purpose of this course is to provide instruction in the development of musicianship and technical skills through the study of varied guitar literature.

Guitar IV Honors**

Course No.: 1301350

Prerequisite: Guitar III and Director's Approval

Credit: 1.0

The purpose of this course is to provide instruction in the development of musicianship and technical skills through the study of varied guitar literature.

Chorus Electives (Audition only for advanced levels)

*****Pay to participate and performances outside of school day are required for all chorus classes.**

Chorus I**

Course No.: 1303300

Prerequisite: None

Credit: 1.0

The purpose of this course is to enable students to develop basic individual and ensemble skills in choral performance through preparation of varied high school literature.

Emphasis will be placed on healthy and expressive singing, accurate interpretation of notation, and development of critical and aesthetic response to music.

Chorus II**

Course No.: 1303310

Prerequisite: Chorus I

Credit: 1.0

The purpose of this course is to enable students to develop intermediate-level individual and ensemble skills in choral performance through preparation of varied high school literature.

Emphasis will be placed on healthy and expressive singing, accurate interpretation of notation and development of critical and aesthetic response to music.

Chorus III**

Course No.: 1303320

Prerequisite: Chorus II

Credit: 1.0

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

Chorus IV**

Course No.: 1303330

Prerequisite: Chorus III

Credit: 1.0

The purpose of this course is to enable students to develop consistently proficient individual and ensemble skills in choral performance through preparation of varied high school literature.

Emphasis will be placed on healthy and expressive singing, accurate interpretation of notation and development of critical and aesthetic response to music.

Chorus VI Honors**

Course No.: 1303350

Prerequisite: Meets Honors Criteria and Audition only

Credit: 1.0

The purpose of this course is to enable students to develop independent, advanced individual and ensemble skills in choral performance through preparation of varied high school literature.

Emphasis will be placed on healthy and expressive singing, accurate interpretation of notation and development of critical and aesthetic response to music.

Chorus Register-Specific 1**

Course No.: 1303360

Prerequisite: Audition

Credit: 1.0

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

Chorus Register-Specific 2**

Course No.: 1303370

Prerequisite: Audition

Credit: 1.0

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

Keyboard (Piano)

Course No.: 1301360

Prerequisite: None

Credit: 1.0

The purpose of this course is to enable students to develop basic keyboard skills, including interpretation of notation and performance in varied styles.

Chorus Register-Specific 3**

Course No.: 1303380

Prerequisite: Audition

Credit: 1.0

The purpose of this course is to enable students to develop independence in musicianship, high/low range vocal performance techniques and aesthetic awareness through the rehearsal and performance of varied idiomatic high/low range choral literature.

Chorus Register-Specific 4 Honors**

Course No.: 1303390

Prerequisite: Meets Honors Criteria and Audition only

Credit: 1.0

The purpose of this course is to enable students to foster internalization and independence in musicianship, high/low range vocal performance techniques and aesthetic awareness through the rehearsal and performance of idiomatic high/low range choral literature.

Advanced Placement (AP) Music Theory**

Course No.: 1300330

Prerequisite: Meet Honors Criteria

Credit: 1.0

The purpose of this course is to develop the student's ability to recognize and understand the basic materials and processes in any music that is heard or read in score. Students are expected to take a final AP exam.

Theatre/Drama Electives

Theatre I**

Course No.: 0400310

Prerequisite: None

Credit: 1.0

The purpose of this course is to enable students to develop fundamental skills in the multiple elements of theatre as a collaborative art.

Movement, voice projection, body language, concentration, improvisation, and expression will be combined with creative drama activities in experiential exercises. Daily class participation is required. The content includes an overview of the history of theatre. Students will perform in group projects.

Theatre II**

Course No.: 0400320

Prerequisite: Drama I (Theatre I) Credit: 1.0

The purpose of this course is to enable students to develop basic skills in the multiple elements of theatre as a collaborative art. Students will enhance basic acting skills and develop production expertise. Memorized monologue and scene work will be required. More challenging improvisation work will be developed.

Theatre III Honors**

Course No.: 0400330

Prerequisite: Meets Honors Criteria, Drama II (Theatre II)

Credit: 1.0

The purpose of this course is to enable students to develop intermediate-level skills in the multiple elements of theatre as a collaborative art. Elements of stagecraft will be incorporated.

Theatre IV Honors**

Course No.: 0400340

Prerequisite: Meets Honors Criteria, Drama III (Theatre III)

Credit: 1.0

The purpose of this course is to enable students to develop advanced skills in the multiple elements of theatre as collaborative art. Advanced stagecraft will be incorporated.

Theatre, Cinema and Film Production**

Course No.: 0400660

Prerequisites: None

Credit: 1.0

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

PHYSICAL EDUCATION

HOPE

Health Opportunities through Physical Education
(Graduation requirement)

Course No.: 3026010

Prerequisite: None

Credit: 1.0

The purpose of this course is to develop and enhance healthy behaviors that influence lifestyle choices and student health and fitness.

Volleyball 2 (Team Sports)

Course No.: 1505510

Prerequisite: None

Credit: 0.5

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

Soccer (Team Sports)

Course No.: 1503320

Prerequisite: None

Credit: 0.5

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

Weight Training 3 – (Comprehensive Fitness)

Course No.: 1501360

Prerequisite: **This course is for 9th grade boys**

Credit: 0.5/0.5

The purpose of this course is to enable students to develop intermediate-level knowledge and skills in weight training, further improve muscular strength and endurance and further enhance self-image.



Weight Training 3

Course No.: 1501360

Prerequisite: **Must be 10th – 12th grade only unless part of the Football team**

Female Weight Training is for 9th-12th

Credit: 0.5

The purpose of this course is to enable students to develop intermediate-level knowledge and skills in weight training, further improve muscular strength and endurance and further enhance self-image.

Aerobics 3

Course No.: 1503420

Prerequisite: **Must be 10th – 12th grade only unless part of the Football team**

Credit: 0.5

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

SCIENCE

Environmental Science

Course No.: 2001340

Prerequisite: None

Credit: 1.0

This course provides an in-depth study of biodiversity and the relationships that exist within the environment. Climate change, populations, land/environmental issues including renewable and non-renewable resources are studied.

Physical Science Honors

Course No.: 2003320

Prerequisite: Meets on Honors Criteria and Teacher Recommendation

Credit: 1.0

The purpose of this course is to provide students with the introductory concepts of physics and chemistry. This course includes some rigorous standards that are not part of the standard course.

Biology I

Course No.: 2000310

Prerequisite: Physical Science

Credit: 1.0

This course provides exploratory experiences and activities in the fundamental concepts of life.

Laboratory safety and use of apparatus will be addressed as well as the scientific method and measurement.

Biology I Honors

Course No.: 2000320

Prerequisite: Meets Honors Criteria, Teacher Recommendation (9th graders)

Credit: 1.0

This course is designed for students who are capable of exploring biology in greater depth than Biology I provide. Content includes the study of the scientific method and measurement, laboratory safety and use of apparatus, cellular structure and function, classification, genetics, and the study of living organisms.

AP Biology

Course No.: 2000340

Prerequisite: Complete Honors Biology course with a grade of "C" or higher, meet Honors Criteria

Credit: 1.0

AP Biology is perfect for those students interested in health, medical, or life science majors. This course will earn you 8 college biology credits (with an AP score of 3, 4, or 5 in FL). It is challenging but will prepare you for the rigor of a science major. Lab design and lab skills are the focus of this course, and you will complete many labs at a level you have never worked at before. This is a valuable class to help you prepare for college if you want to major in any science or health field, a must for those interested in pre-med. Students completing this course are expected to take the AP examination.

Chemistry I

Course No.: 2003340

Prerequisite: Algebra 1 with a grade of C or higher, one science credit, teacher recommendation

Co-requisite: Algebra II

Credit: 1.0

The purpose of this course is to study the composition, properties and changes associated with matter and their applications.

Chemistry I Honors

Course No.: 2003350

Prerequisite: Algebra 1 H with a grade of C or higher, teacher recommendation

Co-requisite: Algebra II Honors Credit: 1.0

The purpose of this course is to provide students with a math-based accelerated study of the composition, properties and changes of matter that will prepare students for participation in college-level coursework.

AP Chemistry

Course No.: 2003370

Prerequisite: Meet Honors Criteria, Chemistry I Honors

Credit: 1.0

The purpose of this course is to provide a rigorous second year course of study in chemistry as outlined by the College Board. Students are expected to take a final AP exam.

Physics Honors

Course No.: 2003390

Prerequisite: 1 Honors Science Credit with a grade of C or higher, meet honors criteria Co-requisite: Algebra II Honors

Credit: 1.0

The purpose of this course is to provide students with rigorous introductory study of the theories and is governing the interaction of matter, energy, and the forces of nature. The content includes kinematics, dynamics, energy, work, thermodynamics, waves, light, electricity, magnetism, and sound. Students who intend to take the AP Physics course should enroll in this course.

AP Physics 1

Course No.: 2003421

Prerequisite: Honors Physics is suggested, teacher recommendation, students should have completed Algebra 2, concurrent enrollment in pre-calculus

Credit: 1.0

This is a rigorous, college-level course. It delves into the main principles of physics and emphasizes conceptual understanding with problem-solving using algebra and some trigonometry. Topics include Kinematics, Newtonian Mechanics, work, energy and power, Mechanical Waves and sound, and introduction to electrostatics. Students are expected to take a final AP Exam.

AP Physics 2

Course No.: 2003422

Prerequisite: Meet Honors Criteria, permission of instructor

Credit: 1.0

This is equivalent to a second semester college course in algebra-based physics. The course covers Fluid mechanics, Thermodynamics, electricity and magnetism, Circuitry, Optics, Quantum, Atomic, and nuclear physics. Students are expected to take a final AP Exam.

AP Physics C

Course No.: 2003430

Prerequisite: Meet Honors Criteria, Physics Honors

Co-requisite: Calculus Credit: 1.0

This course is a study of matter and energy and their interactions, with a strong emphasis on mathematical applications. It is recommended for students who are considering science or engineering careers. Students are expected to take a final AP exam.

Anatomy and Physiology Honors

Course No.: 2000360

Prerequisite: Meet Honors Criteria, Biology, and Teacher Recommendation

Credit: 1.0

The purpose of this course is to provide students with exploratory and advanced activities in the structures and functions of the components of the human body. The content includes anatomical terminology, cells and tissues, systems of the body, genetics, and disease processes.

AP Environmental Science

Course No.: 2001380

Prerequisite: Meet Honors Criteria, two years of lab science

Credit: 1.0

A rigorous, college level course, AP Environmental Science is an excellent option for any interested student who has completed two years of high school laboratory science, preferably a year of biology and a year of chemistry. The course is intended to provide students with the principles, concepts and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental issues, evaluate risks associated with the problems, and to examine alternative solutions for resolving or preventing them.

Topics include Earth systems and resources, The Living World, Population, Land and Water Use, Energy Resources and Consumption, Pollution, Global Change. Laboratory and field investigation activities are part of the course. Students are expected to take a final AP exam.

Marine Science I

Course No.: 2002500

Prerequisite: Two science Credits

Credit: 1.0

The purpose of this course is to provide an overview of the marine environment. The course content includes formations of the oceans, marine systems, interrelationships between man and the ocean environment, and the ocean's present and potential resource.

Marine Science I Honors

Course No.: 2002510

Prerequisite: Two science Credits

Credit: 1.0

The purpose of his course is to provide an overview of the marine environment. The course content includes formations of the oceans, marine systems, interrelationships between man and the ocean environment, and the ocean's present and potential resource.

SOCIAL STUDIES

World Cultural Geography

Course No.: 2103300

Prerequisite: None

Credit: 1.0

Students develop multicultural understanding and use geographical concepts and skills to acquire information and systematically apply decision-making processes to real-life situations. They will acquire an understanding of interrelationships between people and the environment.

AP Human Geography

Course No.: 2103400

Prerequisite: Meet Honors Criteria

Credit: 1.0

This course is equivalent to an introductory college-level course in human geography. The course introduces students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students employ spatial concepts and landscape analysis to examine socioeconomic organization and its environmental consequences. They also learn about the methods and tools geographers use in their research and applications. The curriculum reflects the goals of the National Geography Standards. Students are expected to take a final AP exam.

World History

Course No.: 2109310

Prerequisite: None

Credit: 1.0

The purpose of this course is to enable students to understand their connections to the development of civilizations by examining the past to prepare for their future as participating members of a global community. Students will use knowledge pertaining to history, geography, economics, political processes, religion, ethics, and diverse.

cultures and humanities to solve problems in academic, civic, social and employment settings.

World History Honors

Course No.: 2109320

Prerequisite: Meet Honors Criteria and Teacher Recommendation

Credit: 1.0

The purpose of this more rigorous course is to enable students to understand their connections to the development of civilizations by examining the past to prepare for their future as participating members of a global community.

Students will use knowledge pertaining to history, geography, economics, political processes, religion, ethics, diverse cultures, and humanities to solve problems in academic, civic, social and employment settings.

AP World History

Course No.: 2109420

Prerequisite: Meet Honors Criteria

Credit: 1.0

Students understand the development of Europe within the context of history by examining connections to the past in order to prepare for the future as participating members of a global community.

Students use knowledge pertaining to history, geography, economics, political processes, religion, ethics, diverse cultures, and humanities to solve problems in academic, civic, social and employment settings. Students are expected to take a final AP exam.

American History

Course No.: 2100310

Prerequisite: None

Credit: 1.0

The purpose of this course is to enable students to understand the development of the United States within the context of history with a major focus on the post-Reconstruction period. Students will use knowledge pertaining to history, geography, economics, political processes, religion, ethics, diverse cultures, and humanities to solve problems in academic, civic, social and employment settings.

American History Honors

Course No.: 2100320

Prerequisite: Meet Honors Criteria

Credit: 1.0

The purpose of this course is to enable students to understand the development of the United States within the context of history with a major focus on the post-Reconstruction period. Students will use knowledge pertaining to history, geography, economics, political processes, religion, ethics, diverse cultures, and humanities to solve problems in academic, civic, social and employment settings.

AP United States History

Course No.: 2100330

Prerequisite: Meet Honors Criteria

Credit: 1.

Students study the development of the United States within the context of history by examining connections to the past to prepare for the future. Students use knowledge pertaining to history, geography, economics, political processes, religion, ethics, diverse cultures, and humanities to solve problems in academic, civic, social and employment settings. Students are expected to take a final AP exam.

American Government

Course No.: 2106310

Prerequisite: None

Credit: 0.5

The purpose of this course is to enable students to gain an understanding of American government and political behavior that is essential for effective citizenship and active involvement in a democratic American society.

American Government Honors

Course No.: 2106320

Prerequisite: Meet Honors Criteria

Credit: 0.5

The purpose of this more rigorous course is to enable students to gain an understanding of American government and political behavior that is essential for effective citizenship and active involvement in a democratic American society.

AP American Government and Politics

Course No.: 2106420

Prerequisite: Meet Honors Criteria and teacher recommendation

Credit: 0.5

Students acquire a critical perspective of politics and government in the United States. They learn general concepts used to interpret American politics and analyze specific case studies. Students also become familiar with the various institutions, groups, beliefs, and ideas that constitute the American political perspective. Students are expected to take a final AP exam.

The American Political System: Process and Power Honors

Course No.: 2106460

Prerequisite: Meet Honors Criteria and teacher recommendation

Credit: 0.5

This course is a study of the United States government and political system. Essential content includes constitutional foundations of our government, political behavior, functions of the three branches of national government, the role of institutions that link citizens to our government, an examination of our civil liberties and rights as American citizens and policy.

Economics

Course No.: 2102310

Prerequisite: None

Credit: 0.5

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

Economics Honors

Course No.: 2102320

Prerequisite: Meet Honors Criteria

Credit: 0.5

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

AP Microeconomics

Course No.: 2102360

Prerequisite: Meet Honors Criteria

Credit: 0.5

The purpose of this course is to have students learn about the factors that influence the economic system. Students are expected to take a final AP exam.

AP Macroeconomics

Course No.: 2102370

Prerequisite: Meet Honors Criteria, Algebra II

Credit: 0.5

Students study the choices they must make as producers, consumers, investors, and taxpayers. The study of economics provides students with the knowledge and decision-making tools necessary for understanding how a society must organize its limited resources to satisfy its unlimited wants. Students are expected to take a final AP exam.

Personal Finance and Money Management

Course No.: 2102371

Prerequisite: None

Credit: 0.5

In Personal Finance and Money Management, instructional time will emphasize seven areas: (1) exploring how personal financial decisions are made, including understanding how cognitive biases impact decision making; (2) understanding how wages and salaries are earned, including the types of taxes owed, and evaluating various post-secondary paths and career options; (3) developing personal or family budgets and exploring how to purchase goods and services by weighing the costs and benefits of those goods and services; (4) analyzing how interest can be earned by saving now, which allows for the purchase of more goods and services later and understanding how to compare various savings accounts and services offered through financial institutions; (5) determining advantages and disadvantages of credit accounts that allow for the borrowing of money to purchase goods and services while paying for them in the future, usually with interest, and short- and long-term loans; (6) developing understanding of planning for the future through investment accounts and retirement plans and comparing investment choices by analyzing rates of return and risk, while analyzing how diversification is one way to reduce investment risk; and (7) recognizing that there are risks that can result in lost income, health, or identity and that those risks can be accepted, reduced, or transferred to others through the

purchase of insurance. Curricular content for all subjects must integrate critical-thinking, problem-solving, and workforce-literacy skills; communication, reading, and writing skills; mathematics skills; collaboration skills; contextual and applied-learning skills; technology-literacy skills; information and media-literacy skills; and civic-engagement skills. All clarifications stated are expectations for instruction of that benchmark.

Personal Finance and Money Management Honors

Course No.: 2102373

Prerequisite: Meet Honors Criteria

Credit: 0.5

In Personal Finance and Money Management Honors, instructional time will emphasize seven areas: (1) exploring how personal financial decisions are made, including understanding how cognitive biases impact decision making; (2) understanding how wages and salaries are earned, including the types of taxes owed, and evaluating various post-secondary paths and career options; (3) developing personal or family budgets and exploring how to purchase goods and services by weighing the costs and benefits of those goods and services; (4) analyzing how interest can be earned by saving now, which allows for the purchase of more goods and services later and understanding how to compare various savings accounts and services offered through financial institutions; (5) determining advantages and disadvantages of credit accounts that allow for the borrowing of money to purchase goods and services while paying for them in the future, usually with interest, and short- and long-term loans; (6) developing understanding of planning for the future through investment accounts and retirement plans and comparing investment choices by analyzing rates of return and risk, while analyzing how diversification is one way to reduce investment risk; (7) recognizing that there are risks that can result in lost income, health, or identity and that those risks can be accepted, reduced, or transferred to others through the purchase of insurance. Curricular content for all subjects must integrate critical-thinking, problem-solving, and workforce-literacy skills; communication, reading, and writing skills; mathematics skills; collaboration skills; contextual and applied-learning skills; technology-literacy skills; information and media-literacy skills; and civic-engagement skills..

AP European History

Course No.: 2109380

Prerequisite: Meet Honors Criteria and Teacher Recommendation

Credit: 1.0

Students will develop an understanding of Europe within the context of history by examining connections to the past in order to prepare for the future as participating members of a global community. Students will use knowledge pertaining to history, geography, economics, political processes, religion, ethics, diverse cultures, and humanities to solve problems in academic, civic, social and employment settings. Students are expected to take a final AP exam.

AP Psychology

Course No.: 2107350

Prerequisite: Meet Honors Criteria,

Credit: 1.0

Through the study of psychology, students acquire an understanding of and an appreciation for human behavior, behavior interaction and the progressive development of individuals. This course prepares students to understand their own behavior and the behavior of others. Students are expected to take a final AP exam.

WORLD LANGUAGES

American Sign Language Electives

American Sign Language I

Course No.: 0717300

Prerequisite: None Credit: 1.0

American Sign Language 1 introduces students to the target language and its culture. The student will develop communicative skills in all 3 modes of communication and cross-cultural understanding. Emphasis is placed on proficient communication in the language with introductions to culture, connections, comparisons, and communities.

American Sign Language II

Course No.: 0717310

Prerequisite: ASL I

Credit: 1.0

American Sign Language 2 reinforces the fundamental skills acquired by the students in American Sign Language 1. The course develops increased receptive and expressive skills as well as cultural awareness. Specific content to be covered is a continuation of skills acquired in American Sign Language 1 while communication remains the primary objective. The cultural survey of the target language is continued.

American Sign Language III Honors

Course No.: 0717312

Prerequisite: ASL II, teacher recommendation

Credit: 1.0

American Sign Language 3 provides mastery and expansion of skills acquired by the students in American Sign Language 2. Specific content includes, but is not limited to, expansions of vocabulary and conversational skills through discussions of selected media. Contemporary vocabulary stresses activities which are important to the everyday life of people using the target language.

American Sign Language IV Honors

Course No.: 0717314

Prerequisite: ASL III, teacher recommendation

Credit: 1.0

American Sign Language 4 expands the skills acquired by the students in American Sign 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. Media selections are varied and taken from authentic target language literary works.

Spanish Electives

Spanish I

Course No.: 0708340

Prerequisite: None

Credit: 1.0**

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

Spanish II

Course No.: 0708350

Prerequisite: Spanish I

Credit: 1.0

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

Spanish III Honors

Course No.: 0708360

Prerequisite: Spanish II, teacher recommendation

Credit: 1.0

The purpose of this course is to strengthen the student's proficiency in Spanish through a linguistic, communicative, and cultural approach to language learning. There is continued emphasis on the development of listening, speaking, reading, and writing skills. Emphasis is placed on oral proficiency. Experiences with Spanish literature are broadened. Cross-cultural understanding is fostered, and real-life applications are emphasized throughout the course.

AP Spanish Language

Course No.: 0708400

Prerequisite: Spanish III or Spanish IV, permission of instructor

Credit: 1.0

The purpose of this course is to develop oral and written fluency in Spanish. Students will follow a rigorous curriculum in order to pass the AP Exam at the end of the year. Students are expected to take a final AP exam.

AP Spanish Literature

Course No.: 0708410

Prerequisite: Teacher Recommendation

Credit: 1.0

The purpose of this course is to develop oral and written fluency in Spanish. Students are expected to take a final AP exam.

Experiential Education

(Seniors Only)

Voluntary Public Service

Course No.: 0500370

Prerequisite: 3.0 GPA and Teacher Recommendation

Credit: Awarded service hours (37.5 per semester)

The purpose of this course is to develop an appreciation of the concept of service to the community/school and to develop skills necessary to evaluate the impact of service to others.

(Juniors & Seniors Only)

Executive Internship I – 3 (offered periods 5-7 only) SENIORS (offered period 7 only) JUNIORS

Course No.: 0708340

Prerequisite: 2.5 GPA

Credit: 1.0

The purpose of this course is to provide a practical introduction to the work environment through direct contact with professionals in the community. Students will be required to work off campus for a certain number of hours and provide proof of employment.

BARTRAM TRAIL HIGH SCHOOL

Club Offerings

Club Name	Sponsor
Architecture Club	Patrick Flahive
ASL Club	Tracy Coolican
Astronomy Club	Rory Petersen
Baking Club	Eric Hurst
Bartram Goes Green	Kaitlyn Campbell
Bartram Trail Blue Line Club	Jeffrey Reynolds
Battle of the Books	LeAnna Teuscher
BETA	Kate Keating
Botany Club	John Wolfe
Brotherhood	Tony Sowers
BT Cares	Susan Langeland
BTHS Against Cancer	Dignan / Boyce
BTHS Car Club	LeAnna Teuscher
BTHS Medical Club	Kelly Rose
BTHS Pickleball Club	Jennifer Sutton
Chess Club	LeAnna Teuscher
DECA	Cassandra Downs
Dreams Come True	Stacy Masi
Dungeons and Dragons Club	Cassandra Veenstra
Fellowship of Christian Athletes	Paul Belcik
Film Club	Brooke Smith
H.O.S.A.	James Turnage
Helping Hickory's Heart	Stephen Revell
Hispanic Honor Society	Emily Smith
HUGS	Kathleen Richards
Humane Society	Kate Keating
Interact Club	Brooke Radaker
International Thespian Society	Julia Rigon
Junior Class	Kathryn Tax
Junior ladies	Vivian Williams
Keep Calm and Carry Yarn	Kathleen Richards

BARTRAM TRAIL HIGH SCHOOL

Key Club	Faith Olson
Law and Ethics Club	LeAnna Teuscher
LEGO Club	Alexander Iacono
Link Crew	Kaitlyn Campbell
Magic: The Gathering or (MTG)	Jeff Davis
Miss Bartram Trail Pageant	Kathryn Tax
Mu Alpha Theta	Kate Keating
Multicultural Club	Samantha Braun
National Art Honor Society	Kathryn Tax
National English Honors Society	Danielle Weaver
National Honor Society	Kathleen Richards
P.U.L.S.E chapter	Kevin Garcia-Rivera
Physics Club	Rory Petersen
Programming Club	Charles Moseley
Science National Honors Society	James Turnage
Senior Men	Ansley Hester
Senior Women	Ansley Hester
She Leads	Susan Langeland
Sisterhood	Tony Sowers
Skilled Trades	Kaitlyn Jordan
Sources of Strength	Wylie Bergbower
Stay Another Day	Joshua Bratovich
Student Principal Advisory Club (SPAC)	Aretha Graham
Student United Way	Julie Tugya
Students Advocating for Everyone	Erin Brown
Students Against Destructive Decisions	Jeffrey Reynolds
Tech Club	Charles Moseley
Tri-M Music Honor Society	Barb Mattingly
TSA	Eric Hurst
Turning Point USA at BTHS	Jeffrey Reynolds