



# SATELLITE HIGH SCHOOL

## ACADEMIC & CAREER AND TECHNICAL PROGRAMS

### ADMINISTRATION

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### STUDENT SERVICES

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# SATELLITE ACADEMY OF FINE ARTS (SAFA)

The Satellite Academy of Fine Arts (SAFA) is a small, personalized learning community within Satellite High School. SAFA draws on the student's interest in learning about the arts and integrates arts-specific curriculum and instruction into the core academic curriculum. In other words, students in the academy get the benefit and experience of learning how the fine arts connect to their English and social science classes. This integration allows students to relate to their core curriculum. In addition to their core curriculum, students can access one of the highest-achieving and most diverse array of fine arts course offerings anywhere in the state.

**Digital Media | Web Application Development and Programming | Instrumental Music | Technical Design | Theatre | Visual Arts | Vocal Music**

- Interested students must apply prior to grades 9 and 10.
- Students must complete four years of coursework in their chosen art, maintain a 3.0 GPA and present a senior portfolio.
- **All SAFA students enroll in SAFA Honors English, World History, and US History. SAFA students may take Advanced Placement history and English in lieu of SAFA Honors classes.**

## VISUAL & PERFORMING ARTS ELECTIVES

### ART 2D

This course provides opportunities to explore media and techniques used to create a variety of two-dimensional (2D) artworks through drawing, painting, printmaking, collage, and/or design. Students practice, sketch, and manipulate the basic elements of art and principles of design to improve mark-making and develop purposeful compositions created from observation, research, or imagination. Through critique processes, students learn to reflect, evaluate and respond to artwork.

**Courses: Art 2D, AP Art-Drawing Portfolio, AP Art 2D Design, 2D Portfolio Development Honors**

Instructor: Jason Carter, carter.jason@brevardschools.org

### 3D ART

Students explore how the elements of art and principles of design combine to create art forms, utilitarian products, and three dimensional (3D) structures in areas such as green or industrial design, sculpture, ceramics and/or building arts. Media many include, but are not limited to clay, wood, plaster, found objects, metal/wire, and Papier Mache'. Students focus on safety procedures for process, media, and techniques, and participate in critiques to evaluate, explain, and measure artistic growth in created individual or group works.

**Courses: Art 3D, 3D Portfolio Development Honors, AP 3D Design Portfolio**

Instructor: Diane Carter, carter.diane@brevardschools.org

## INSTRUMENTAL MUSIC

### BAND

In band, students further develop their talents and musical knowledge by participating in one of our 4 band classes. All students are welcome regardless of experience; however, audition is required for general placement and to be considered for advanced bands. Note that marching band is an important component of the band program. Marching is required of band students. All bands perform in concerts and assessments throughout the year.

### ORCHESTRA

There are two orchestras at Satellite High School. Most freshmen are members of the intermediate orchestra but can audition for advanced orchestra. Both orchestras perform in concerts and MPAs throughout the school year.

### INSTRUMENTAL TECHNIQUES

Students in this entry-level class focus on the development of musical and technical skills on a specific instrument through etudes, scales, and selected music literature. Through problem solving, critical thinking, and reflection, students develop the physical and cognitive skills to be more disciplined performers.

### JAZZ ENSEMBLE\*

Introduces, develops and applies knowledge of styles and performance techniques of varied contemporary and early jazz literature. Includes tone production, ensemble performance, stylistic interpretation and basic improvisational techniques. Membership is selected from Band 1-6 by audition.

\* Extra rehearsals and performances are required for these courses.

\*Teacher approval required.

Instructors: C. J. Simmons, simmons.christopher@brevardschools.org

Joseph Leites, leites.joseph@brevardschools.org

### CHORUS

Promotes the enjoyment and appreciation of music through performance of beginning choral repertoire from a variety of times and places. Satellite has all levels of chorus available to students including beginning chorus, advanced women's chorus, ten-tones, and show choirs. Auditions are required for placement in the advanced chorus and show choirs.

Instructor: Kevin Albright, albright.kevin@brevardschools.org

## THEATRICAL ARTS

### THEATER

Satellite's theater program focuses on the exploration of all aspects of theater. Students explore theatre literature, performance, make historical and cultural connections, and develop a basic understanding of technical design. Students will participate in acting activities such as improvisation, creative dramatics, and scene work. In addition, students participate, through audition, in our fall and spring stage productions.

**Courses: Intro to Drama (one semester) Theatre 1, Theatre 2\*, Theatre 3 Honors, Theatre 4 Honors, Acting 4 Honors**

\*Fine Arts Academy Students begin with Theatre 2

## TECHNICAL THEATRE DESIGN AND PRODUCTION 1\*

This course is a beginning level course that focuses on developing the basic skills and procedures for creating elements of technical theatre, including costumes, lighting, makeup, properties (props), publicity, scenery, and sound. Technical knowledge of safety procedures and demonstrated safe operation of theatre equipment, tools, and raw materials are central to success in this course. Students explore and learn to analyze dramatic scripts, seeking production solutions through historical, cultural, and geographic research. Students also learn the basics of standard conventions of design presentation and documentation.

**Additional Courses:** Technical Theatre Design and Production 2, 3, 4

\*This course requires an extensive time commitment after school. Instructor approval is required for all levels.

## MUSICAL THEATRE

This course focuses on, but is not limited to, acting, vocal performance, dance, non-dance movement, and staging, which transfer readily to performances in musicals and other venues. Students survey the evolution of music through a humanities approach and representative literature. Music theatre students explore the unique staging and technical demands of musicals in contrast to non-musical plays. Public performances may serve as a culmination of specific instructional goals.

**Courses:** Musical Theatre 1, 2, 3, 4

Instructor: Christy Boyd, connell-boyd.april@brevardschools.org

## CAREER & TECHNICAL EDUCATION (CTE) PROGRAMS

The Career and Technical Industry certifications are available to all students enrolled in a career technical program, better-preparing students to compete in the workforce along with higher earning potential. Students completing three courses in a Career and Technical Education program may qualify for the Bright Futures Gold Seal Vocational Scholarship. In addition to exploring career options, students who participate in CTE are well-prepared for post-secondary education. The comprehensive skills obtained support college-level courses and enhance presentation skills. Students that complete two years in a CTE program and meet all graduation requirements may participate in an internship program their senior year.

## DIGITAL MEDIA

A course developed for students interested in learning how to create and edit well-designed graphics for professional use. Students will learn topics such as fundamental 2D layout principles, developing vector and pixel-based images for print and web, color theory, typography, graphic files, etc. Digital media students are prepared to work in graphic design or web animation.

**Career Focus:** Graphic Design, Marketing & Communications

**Industry Certifications:** Adobe Illustrator, InDesign, Photoshop, Animate, Dreamweaver, Premiere, After Effects

Instructors: Sean Ashley, ashley.sean@brevardschools.org  
Nevin Flinchbaugh, flinchbaugh.nevin@brevardschools.org

## EARLY CHILDCARE EDUCATION

Prepares students to work in a Child Care facility. Early Childcare 1 covers competencies for the 30-hour Department of Children and Families mandated training and the 10-hour preschool appropriate practices course. Students teach VPK students in small groups, with a partner every other week. In ECC2, year two, students plan individual lessons for one-on-one daily instruction. In ECC3, students take two periods and can earn up to 12 college credits and an FCCPC professional certification. Students lead large and small groups of students. ECC4, students earn Child Development Associate Certification and \$200.00 scholarship.

**Career Focus:** Education, Early Childcare

**Industry Certifications:** FCCPC Professional Certification, CPR, First Aid, DCF Certifications

Instructor: Rhonda Samuels, samuels.rhonda@brevardschools.org

## WEB APPLICATION DEVELOPMENT AND PROGRAMMING

Web Application Development and Programming offers students an exciting opportunity to learn many aspects of programming and web design. In the first course, Foundations of Programming, students learn to use the computer programming language Python. In year two, students take the HTML, CSS, and JavaScript skills learned in Web Programming to create their own interactive web pages. The final course is Object-Oriented Programming Fundamentals, where students learn to write their own games in the C#-based, Unity programming language.

**Career Focus:** Computer Science/Programming, Game Design, Web Design

**Industry Certifications:**

Knowledge Pillars: Python Coding Specialist  
Information Technology Specialist: HTML and CSS  
Information Technology Specialist: JavaScript  
Information Technology Specialist: HTML5 Application Development  
Unity: Unity Programmer  
Instructor: Vijay Sundar, sundar.vijashree@brevardschools.org

## TECHNICAL DESIGN

Teaches students the fundamental knowledge and skills of three-dimensional and architectural drawing using programs such as Autodesk Revit software. Students learn to prepare 3-D, multi-view drawings of buildings, parts, and assemblies which can be tested and later created in our state-of-the-art drafting labs.

**Career Focus:** Architecture & Engineering Design

**Industry Certifications:** AutoDesk, AutoCAD, Revit and Inventor

Instructor: Rebecca Kimbrell, kimbrell.rebecca@brevardschools.org

## AUTOMOTIVE TECHNOLOGY

Students are taught state-of-the-art repair services following performance standards stated by the National Institute of Automotive Service Excellence. Students also work with Nashville Auto/Diesel College and Universal Technical Institute.

**Career Focus:** Automotive

**Industry Certification:** Certified Production Technician

Instructors: Chris Wilson, wilson.chris@brevardschools.org

## JROTC

The Junior Reserves Officers' Training Corps (JROTC) program provides students with valuable leadership opportunities while developing skills in discipline, teamwork, and responsibility. Participants can choose specialized focuses such as Marksmanship, Flight Simulation, and Drone Operation. Additionally, JROTC offers two advanced courses in partnership with Embry-Riddle Aeronautical University on a Satellite Campus: Principles of Aerospace Science and Uncrewed Aircraft Systems. These courses offer students a head start in aerospace careers while reinforcing the program's commitment to leadership development and technical expertise.

Instructors: Tony B. Jenkins, CMSgt, USAF ret. AFJROTC FL-035  
jenkins.tony@brevardschools.org

LtCol Richard Fish, USAF Re, fish.richard@brevardschools.org

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## ACCELERATED PROGRAMS

### COLLEGE BOARD ADVANCED PLACEMENT

Advanced Placement courses are an opportunity for students to pursue college-level studies on the Satellite High School Campus. Students can earn both high school and college credit. (A score of level 3 or higher on the end of the year AP exam qualifies for college credit).

Students in Advanced Placement classes...

- Engage in rigorous, college level curriculum taught by teachers trained and vetted by college board.
- Improve their chances of being accepted by the college of their choice.
- Are often exempted from introductory courses at college. Students who earn satisfactory grades on enough AP Exams may be granted a full year's credit by their college or university.

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### ADVANCED PLACEMENT CAPSTONE DIPLOMA

The College Board's Advanced Placement Capstone Diploma is a two-year program nationally recognized as a strong indicator of college readiness on a high school student's transcript. The diploma requires students to earn a 3 or higher in AP Capstone Seminar and Research and a 3 or higher in four additional Advanced Placement exams. Successful completion requires students to earn a C or higher in each course and earn a 3 on the Advanced Placement exam.

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### BREVARD PUBLIC SCHOOL'S AP DIPLOMA

Successfully complete 6 full credits in AP classes, earning scores of 3 or higher on the exams for those courses.

Dual Enrollment/Early College Programs

Dual enrollment is a proven way for ambitious high school students to pursue advanced curriculum and to get a head start on college. Brevard Public Schools offers dual enrollment with Eastern Florida State College and Florida Institute of Technology. Dual enrollment allows students to:

- Engage in a flexible college level curriculum.
- Experience the academic demands and college culture by taking classes on the college campus.
- Earn college and high school credit simultaneously.
- Earn an Associate of Arts degree.
- Reduce overall cost and time needed to earn a post-secondary degree.

## DUAL ENROLLMENT / EARLY COLLEGE PROGRAMS

### EASTERN FLORIDA STATE COLLEGE DUAL ENROLLMENT

Dual Enrollment students have the flexibility to take as little as one EFSC class or earn their AA degree. Students can start as early as the summer after completion of their 9th grade year or as late as the spring semester their senior year. To participate students must meet the eligibility requirements of a 3.0 cumulative high school GPA and earn a passing score on college entrance assessments (PERT/SAT/ACT/Accuplacer).

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### EASTERN FLORIDA STATE COLLEGE EARLY COLLEGE PROGRAM

Early College students commit to earning their Associate of Arts Degree from Eastern Florida State College while attending Satellite High School. Students have two windows of opportunity to enroll: the summer prior to grade 10 or the summer prior to grade 11. To participate students must meet the eligibility requirements of a 3.0 cumulative high school GPA and earn a passing score on college entrance assessments (PERT/SAT/ACT/Accuplacer).

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### FLORIDA INSTITUTE OF TECHNOLOGY

Junior and senior level students enrolled in Brevard and Indian River County high schools may apply to dual enroll at Florida Institute of Technology for a limited number of university courses. Student must meet the following requirements:

3.0 cumulative GPA

SAT 1100 with a minimum math score of 550

ACT 24 with a minimum math score of 25

Limitations:

Students must pay \$100.00 per credit hour

Maximum 12 credits per semester

Course selection

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## SATELLITE HIGH SCHOOL

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