



OUR VISION & MISSION

Suncoast Polytechnical High School will challenge and meet the academic needs of students by offering a world class education that recognizes the demands of technology and industry through partnerships in the community and professional development.

As the Magnet Technology School for Sarasota County, Suncoast Polytechnical High School is committed to delivering a highly personalized pathway to engage, productive citizenship by offering the supports necessary to master rigorous academic and technical curriculum leading to a future career.

PRINCIPAL

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COUNSELORS

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COLLEGE & CAREER ADVISOR

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SUNCOAST POLYTECHNICAL HIGH SCHOOL

Suncoast Polytechnical High School (SPHS) is the only Magnet High School in Sarasota County. SPHS is designed to provide a balance of Career and Technical Education (CTE) courses and rigorous college preparatory courses for a unique educational experience. SPHS is located next to Suncoast Technical College, allowing our students to access accelerated CTE Programs beginning in their Freshman year!

SPHS is proud to offer our students the AP Capstone Diploma Program! Our graduates will have impressive college applications upon graduation that will provide excellent postsecondary opportunities.

At SPHS, we begin with the end in mind!

SPHS follows a block schedule, which means fewer classes per day and more time for hands-on projects, research, and real-world applications. We are a small Magnet High School by design, which allows us to offer unique and more in-depth applied learning experiences for our students. Our students can also earn their EMT Certification within months upon graduation!

SPHS is a small Magnet High School that has a BIG purpose:

- Limited enrollment (not to exceed 600 students)
- Block Scheduling designed for CTE classes (hands-on) and rigorous coursework (AP/DE) in-depth academic classes
- Accelerated pathways in both CTE and academic coursework (32 HS credits vs 28 HS credits)
- AP Capstone Diploma Program
- Acceleration options for early graduation in 3 1/2 years and 3 year diploma options
- SPHS 9-10th grade students begin CTE acceleration pathways
- SPHS offers both college preparatory coursework and career technical education experiences for all students.



**EVERY STUDENT.
EVERY DAY!**

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CAREER TECHNICAL EDUCATION PROGRAMS

ENGINEERING/ROBOTICS*

GRADES 9-10TH DEVELOPING FOUNDATIONAL ENGINEERING SKILLS

- CAD/CAM and 3-D Printing • Programming • Electronic Fundamentals • Mechanism Concepts
- Skills-based competitions

GRADES 11-12: APPLIED ENGINEERING

- The how and why of Electronics and Mechanics • Advanced Microcontroller Applications and Programming Concepts • Individualized Engineering Projects

ANIMATION/GAMING/SIMULATION*

GRADES 9-10: INTRODUCTION TO THE DISCIPLINES OF GAME DEVELOPMENT AND 3-D ANIMATION

- Students will practice equal amounts of Art and Programming to provide them with a solid foundation. Students will learn Technical Skills; 3-D Modeling, Concept Art, Game Design, and Animation.
- Students will work collaboratively in Indie Studios to create and develop multi-faceted projects to industry standards for Animation, Gaming, and Simulation.

GRADES 11-12: EXPANDS UPON THE DISCIPLINES OF GAME DEVELOPMENT AND 3-D ANIMATION

- Students will master specialty disciplines within Game Design & Animation.
- Utilize Next Gen software and technology equipment Seniors will have the opportunity to create, develop, and present an AGS Capstone project to community and industry leaders.
- Seniors will create, develop, and present AGS Capstone Project.

BUSINESS/ENTREPRENEURSHIP*

This unique Business Pathway will prepare students for a wide range of Business career opportunities. Students will learn foundational concepts and knowledge in entrepreneurship and small business management, including planning, starting and operating a business; marketing and sales; financials and purchasing. Students will get real-world experiences through our Internship Program as part of their capstone project during their senior year.

BIOMEDICAL PATHWAY

Our Medical Pathway will begin in 9-10th grade with Biomedical Science courses designed through the "Project Lead The Way" curriculum. This unique curriculum is designed for students interested in the Medical field as a career. Project Lead The Way offers a sequence of courses that provides coherent and rigorous content aligned with challenging academic standards, relevant technical knowledge, and skills needed to prepare for further education and careers in the Health Science career cluster. Our vision for the Medical Pathway is our SPHS students choose to apply for the Patient Care Technician Program in 11-12th grade, or choose to focus on academics through the AP Capstone Diploma Program for College preparation.

ACCELERATION OPTION (AO)

Students at SPHS also have the option to enroll in an accelerated pathway in both CTE and academic coursework to graduate high school in 3 or 3 1/2 years. The Acceleration Option has a prescribed course sequence for students that can allow them to graduate with a Florida CTE High School Diploma or Florida Standard Diploma. Students wishing to directly enter the workforce or enroll in a Technical College, like STC, may pursue the Florida CTE High School Diploma. See more information about the diploma requirements at <https://www.fldoe.org/academics/career-adult-edu/career-tech-edu/pathways-options.html>

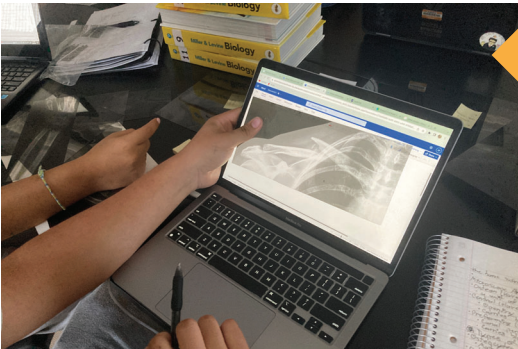
COLLEGE PREPARATORY (CP)

The CP pathway is designed for students who intend to enroll in a four-year college/university upon graduation. The CP pathway allows students to maximize their focus on academic courses that will prepare them for college and earn college credits in the process. Students in the CP pathway are enrolled in AP coursework as a freshman and must earn a 3 or higher on the exam in order to remain in the CP pathway. The CP pathway allows students to tailor their schedules and course selections to reflect their interests and goals. Students may also have the option to participate in Dual Enrollment with SCF or USF as well. See more information on the AP Capstone Diploma requirements at <https://apcentral.collegeboard.org/courses/ap-capstone>

11TH & 12TH GRADE COURSE OPTIONS

- Patient Care Technician
- Advanced Manufacturing and Production Technology
- Accounting Operations
- Business Management and Analysis
- Computer Systems & Information Technology
- NET Application Development and Programming
- Drafting
- Digital Design
- Digital Video Technology
- Building Trades & Construction Design Technology
- Automotive Service Technology
- Marine Service Technologies
- Plumbing
- Professional Culinary Arts & Hospitality
- Cosmetology
- Medical Administrative Specialist

*DENOTES SIGNATURE PROGRAM AT SPHS!



AN A-RATED SCHOOL DISTRICT

THE SCHOOL CHOICE APPLICATION WINDOW OPENS IN FEBRUARY FOR THE FOLLOWING SCHOOL YEAR.