



2017-2018 SCHOOL PROFILE | SARASOTA HIGH SCHOOL

MISSION

Sarasota High School is dedicated to providing a culturally, socially and intellectually diverse student population with an education that will allow them to be successful in today's ever-changing society. Creating a learning environment that is challenging, relevant and active is essential to ensure our students are equipped for success in their post-secondary pursuits. In doing so, we aim to develop in each student the skills of leadership, accountability and self-reliance that are essential to become a productive

VISION

To teach, challenge, support and inspire.

SARASOTA HIGH SCHOOL (SHS) was founded in 1913 and is home to over 2,600 students and 139 faculty members on a newly renovated campus in the city of Sarasota, Florida. The original campus was expanded in 1958-1959 by notable modern architect Paul Rudolph.

- Campus features include 19 buildings, 2 cafeterias, 2 gymnasiums, 2 locker rooms, a professional weight training room, an auditorium with stage and dressing rooms, a circus arena, 8 tennis courts, 2 baseball/softball diamonds, a football stadium with surrounding track, soccer field and 4 parking lots.
- The MaST Research Institute educates students on the scientific research process, requiring them to complete in-depth research projects over the course of their high school careers.
- Advanced International Certificate of Education (AICE) Program offers students abundant opportunities to prepare for their post-secondary education and career goals.
- Career Technical Education Programs include Applied Engineering, Business Management, Culinary Arts, Digital Design, Food Science Applications and Java and Web Development.

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SIGNATURE PROGRAMS

CAMBRIDGE ADVANCED INTERNATIONAL CERTIFICATE OF EDUCATION (AICE)

- Internationally recognized pre-university curriculum which emphasizes the value of broad and balanced study and provides a high-quality diploma, preparing students for honors degree programs.
- Offers students the opportunity to tailor their studies to their individual interests, abilities, and future plans.
- Students who complete AICE courses and receive a passing score on the exam offered at the end of the course can earn college credits from more than 450 colleges in the US.
- Twenty-six (26) AICE courses are offered on campus at SHS, expanding to twenty-nine for the 2018-19 school year.
- 97 SHS students earned an AICE diploma in the 2016-17 school year, the second largest number in the state of Florida. Each of the 97 students was 100% eligible to receive the highest level of Bright Futures Scholarship (Florida Academic Scholars).
- *A recent SHS graduate was awarded over 50 college credits as University of Florida freshman.*

CAREER & TECHNICAL EDUCATION (CTE)

- CTE classes are aligned to SHS career pathways: Applied Engineering Technology, Business Management and Analysis, Culinary Arts, Digital Design, Food Science Applications, Health and Wellness/Exercise Science, Java Development and Programming, and Web Development.
- Students earn industry certifications (such as Autodesk, AutoCAD, Microsoft Office, Adobe Dreamweaver) and participate in on the job training and internships.

MAST RESEARCH INSTITUTE (MRI)

- MRI students placed 1st in 9 out of the 12 categories (or 75%) entered at the 2017 Sarasota Regional Science, Technology and Engineering Fair. 10 students received 1st in their category.
- MRI students have won multiple awards for their research, including: multiple entrants and placement at the INTEL International Science and Engineering Fair, placement at the International ISWEEP competition, multiple placements (including 1st place) and entrants to the statewide Florida Junior Academy of Science Competition; and multiple entrants and placement in the statewide Junior Science Engineering and Humanities Symposium.
- Graduates from MRI have gone on to attend some of the top Universities in the nation, including (but not limited to): Stanford, Princeton, Harvard, Duke, Dartmouth, Columbia, Georgetown, and Georgia Tech.

JROTC

- Focuses on teaching leadership, citizenship and American Government, health/fitness and foundations for success after graduating high school. Students understand how to motivate others, while strengthening their ability to study, take tests and succeed academically. Academic enrichment and achievement is the fundamental cornerstone of the program.
- SHS Army Junior ROTC began in 1969 and is one of 250 Junior ROTC programs under the 6th Brigade Eastern Region, U.S. Army Cadet Command, Fort Knox, Kentucky.
- Over 200 student cadets participate in SHS JROTC.

ATHLETICS

- 355 student athletes (138 female; 217 male) uphold a tradition of pride, sportsmanship and respect through hard work and dedication.
- SHS features include a football field, brand new gym (named after the late Eddie Howell, SHS coach and teacher) baseball field, softball field, and a soccer field.
- Member of the Florida High School Athletic Association (FHSAA)
- A Hall of Fame was established in 2017 to recognize student-athletes with impressive accomplishments
- Hall of Fame inductees include: Matt Drews (1993 first-round draft pick for NY Yankees), Tim Johnson (Former Penn State lineman and Super Bowl winner), Wayne Garrett (ex-NY Mets third baseman) and Page Dunlap (Florida Gator golfer).

FALL & WINTER SPORTS

Basketball - Boys and Girls
Cheerleading
Cross Country - Boys & Girls
Football
Golf - Boys and Girls
Soccer - Boys and Girls
Swimming
Volleyball
Wrestling
Weightlifting - Girls

SPRING SPORTS

Baseball
Softball
Tennis - Boys and Girls
Track & Field - Boys and Girls
Weightlifting - Boys

CLUBS & ORGANIZATIONS

Sarasota High School is home to over 30 student centered and student led clubs/organizations including the American Civil Liberties Union (ACLU), American Sign Language (ASL), Computer Programming Club, Drama Guild, Film Club, Future Business Leaders of America (FBLA), Humane Society Club, National Honor Society (NHS), Spanish Club, Speech & Debate Team, and Technology Student Association (TSA).

ACADEMICS

To graduate from high school with a standard diploma, students entering grade 9 must earn at least twenty-six (26) credits.

English	4 Credits
Mathematics	4 Credits
Science	3 Credits
Social Studies	3 Credits
Performing Arts	1 Credit
HOPE	1 Credit
Electives	10 Credits
Total	26 Credits

GRADING SCALE

A	90-100
B	80-89
C	70-79
D	60-69
F	50-59

All courses are used in computing GPA and all students are listed in class rank and point average. All stated GPA's and ranks are cumulative. They are computed on a scale of A = 4.0 to D = 1.0 to determine quality points.

Advanced Placement, Dual Enrollment and Honors courses are weighted. They are computed on an A = 5.0 to D = 2.0.

COURSE OFFERINGS - 2017-2018

LANGUAGE ARTS

English I, II
Pre-AICE English Language
Intensive Reading
Debate I
Journalism I

ENGLISH FOR SPEAKERS OF OTHER LANGUAGES (ESOL)

English I
Developmental Language Arts

MATHEMATICS

Intensive Math
Algebra IA, IB
Algebra I
Algebra I*
College Algebra+
Liberal Arts Math
Algebra II
Algebra II*
Informal Geometry
Geometry
Geometry*
Math for College Readiness
Advanced Topics in Math
Pre-Calculus Algebra
Pre-Calculus Algebra+

SCIENCE

Physical Science
Biology
Pre-AICE Biology
AICE Biology
Pre-AICE Chemistry I
Chemistry I
AICE Chemistry
Anatomy & Physiology
Anatomy & Physiology*
Earth-Space Science
Astronomy*
Pre-AICE Physics
Physics
AICE Physics
Marine Science
AICE Marine Science
AICE Environmental Management
Experimental Science I*, II*, III*, IV*

SOCIAL STUDIES

Pre-AICE World History

WORLD LANGUAGES

American Sign Language
Spanish I, II
Pre-AICE Spanish I, II

PHYSICAL EDUCATION/WELLNESS

Health Options through Physical Education (HOPE)
JROTC Leadership Education/Training I
Team Sports I
Beginning & Intermediate Volleyball
Basketball
Weight Training I, II

CAREER & TECHNICAL EDUCATION HEALTH & WELLNESS

Health Science Anatomy & Physiology I
Health Science Foundations
Medical Skills & Services
Health & Wellness
Cooperative Diversified Education OJT
Health Science Directed Study

CULINARY ARTS

Culinary Arts I, II, III, IV
Cooperative Diversified Education OJT
Hospitality & Tourism Directed Study

APPLIED ENGINEERING TECHNOLOGY

Applied Engineering Technology I, II, III
Advanced Technology Applications
Cooperative Diversified Education OJT

WEB DEVELOPMENT

Digital Information Technology
Foundations of Web Design
User Interface Designs
Web Scripting Fundamentals
Cooperative Diversified Education OJT
Information Technology Directed Study

DIGITAL DESIGN

Digital Information Technology
Digital Design I, II, III
Cooperative Diversified Education OJT
Arts A/V Technology Directed Study

JAVA DEVELOPMENT/ COMPUTER PROGRAMMING

Digital Information Technology
Fundamentals of Programming
Procedural Programming
Object-Oriented Programming Fundamentals

Cooperative Diversified Education OJT
Information Technology Directed Study
BUSINESS MANAGEMENT & ENTREPRENEURSHIP
Digital Information Technology
Business & Entrepreneurial Principles
Accounting Applications I
Legal Aspects of Business
Cooperative Diversified Education OJT
Business Education Directed Study

THEATRE ARTS

Theatre I, II

MUSIC

Band I, II
Orchestra I, II, III, IV
Instrumental Ensemble I
Jazz Ensemble I
Instrumental Techniques I
Keyboarding I
Orchestra I
Guitar I
Chorus I, II, III, IV
Vocal Ensemble

VISUAL ARTS

Drawing I
2D Art I
3D Art I
Pre-AICE Art and Design

* Denotes Honors course

TESTING STATISTICS

ACT TEST AVERAGES	Math	Reading	English	Science	Composite
<i>Sarasota High (2015-2017)</i>	20.3	21.2	19.7	20	20.4
State of Florida	19.4	21.0	19.0	19.4	19.8

SAT TEST AVERAGES	Math	Reading	Writing
<i>Sarasota High (2014-2016)</i>	514	509	485
State of Florida	475	462	481

COLLEGE MATRICULATION - 2015-2016

- 535 students included in 2016-17 graduating class
- 72% pursue post-secondary education
- 23% attend a 4-year college or university
- 49% attend 2-year community college or technical/vocational school

Amherst College
 Appalachian State University
 Auburn University
 Brown University
 Clemson University
 Colorado State University
 Columbia University
 Flagler College
 Florida Gulf Coast University
 Florida Institute of Technology
 Florida State University
 George Mason University
 George Washington University
 Georgia Institute of Technology
 Hampshire College
 Harvard University
 Johns Hopkins University
 Loyola University
 Mars Hill University
 New College of Florida
 North Carolina State University
 Reed College
 Ringling College of Art and Design

Rollins College
 Salem College
 Stanford University
 State College of Florida
 Stetson University
 Tulane University
 University of Alabama
 University of California-Berkley
 University of Central Florida
 University of Colorado
 University of Florida
 University of Miami
 University North Carolina Chapel Hill
 University of North Florida
 University of South Alabama
 University of South Carolina
 University of South Florida
 University of Tampa
 University of West Florida
 Vanderbilt University
 Virginia Institute of Technology
 Wake Forest University
 Washington University – St. Louis