



# 2018-2019 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
<b>Total</b>	<b>26 Credits</b>

## 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 - 2018-2019

### LANGUAGE ARTS

English I, II, III\*, IV  
Pre-AICE English Language  
Intensive Reading  
Intensive Language Arts  
Debate I, II, III\*, IV\*  
Journalism I, II, III, IV  
Creative Writing I, II, III\*  
AICE General Papers  
AICE English Language  
AICE English Literature I, II  
AICE Media Studies  
AICE Thinking Skills

### ENGLISH FOR SPEAKERS OF OTHER LANGUAGES (ESOL)

English I  
Developmental Language Arts

### MATHEMATICS

Intensive Math  
Algebra IA, IB  
Algebra I  
Algebra I\*  
College Algebra+  
AP Calculus AB, BC  
AICE Math I  
AICE Math, Probability & Statistics  
Liberal Arts Math  
Algebra II  
Algebra II\*  
Informal Geometry  
Geometry  
Geometry\*  
Math for College Readiness  
Advanced Topics in Math  
Pre-Calculus Algebra\*

### SCIENCE

Biology  
Pre-AICE Biology  
AICE Biology  
Pre-AICE Chemistry I  
Chemistry I  
AICE Chemistry  
Anatomy & Physiology  
Anatomy & Physiology\*  
Astronomy\*  
Pre-AICE Physics  
Physics  
AICE Physics  
Marine Science  
Marine Science\*  
AICE Marine Science

AICE Environmental Management  
Experimental Science I\*, II\*, III\*, IV\*  
Agriscience Foundations I

### SOCIAL STUDIES

Pre-AICE World History  
World History  
US History  
US History\*  
AICE US History  
American Government  
American Government\*  
AP US Government & Policy  
Economics with Financial Literacy  
Economics with Financial Literacy\*  
AP Macroeconomics  
Psychology I, II  
AICE Psychology  
AICE Global Perspectives  
Sociology  
AICE Sociology

### WORLD LANGUAGES

American Sign Language I, II, III\*  
Spanish I, II  
Pre-AICE Spanish I, II, III  
AICE Spanish

### PHYSICAL EDUCATION/WELLNESS

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

### CAREER & TECHNICAL EDUCATION HEALTH & WELLNESS

Health Science Anatomy & Physiology I  
Health Science Foundations  
Health & Wellness  
Cooperative Diversified Education OJT

### CULINARY ARTS

Culinary Arts I, II, III  
Cooperative Diversified Education OJT  
Food Science Applications II  
AICE Travel & Tourism  
Work Experience I

### APPLIED ENGINEERING TECHNOLOGY

Applied Engineering Technology I, II, III  
Advanced Technology Applications\*

Cooperative Diversified Education OJT

### WEB DEVELOPMENT

Digital Information Technology  
Web Design I\*, II\*, III\*  
Foundations of Web Design  
User Interface Designs  
Web Scripting Fundamentals  
Cooperative Diversified Education OJT  
Information Technology Directed Study

### DIGITAL DESIGN

Digital Design I\*, II\*, III\*

### 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

Business & Entrepreneurial Principles

### THEATRE ARTS

Drama I, II, III, IV  
Theatrical Direction I, II\*  
Theatre Improvisation  
Technical Theatre Design & Production  
Musical Theatre

### MUSIC

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

### VISUAL ARTS

2D Art I, II, III\*  
AP 2D Art  
3D Art I, II, III\*  
AP 3D Art  
Ceramics/Pottery I, II, III\*  
Creative Photography I, II, III\*  
Pre-AICE Art and Design  
AICE Art and Design I, II

\* Denotes Honors course

## TESTING STATISTICS

<b>ACT TEST AVERAGES</b>	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

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

## COLLEGE MATRICULATION - 2016-2017

- 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