

### Academic Opportunities

The AAST majors-based program is a two-year program providing students with hands-on training and internships in the community. Students apply to come during their last two years of high school by choosing one of the many career majors offered at AAST. The majors available to students include Advanced Art, Aerospace Engineering, Biomedical Science, Environmental Engineering, Computer Science, Entertainment Technology, Global Logistics and Supply Chain Management, Informatics, Innovations in STEM, Networking, Pre-Medicine, Public Health, and Web and Digital Design. By choosing a major, students apply rigorous academic content while acquiring the skills necessary for success in their chosen career paths. Students attend AAST to pursue individual interests, participate in experiences such as work-based learning, and earn industry-valued credentials necessary for college and career readiness. AAST is a nationally recognized and accredited STEM School with a 29-year history of guiding students toward achieving career dreams and realizing their possibilities. AAST integrates the Profile of a SC Graduate within its College Prep, Honors, and AP-level courses in every academic area. The programs of study offer accelerated learning options, which include 20 AP classes.

AP Courses offered at AAST are AP Art History, AP English Literature and Language, AP Calculus AB & BC, AP Statistics, AP Physics, AP US Government, AP Microeconomics, AP Chemistry, AP Biology, AP Environmental Science, AP US History, AP European History, AP Principles of Computer Science, AP Psychology, AP Capstone Seminar & Research, and AP Art Studio 2D, 3D, & Drawing.



### ENTRANCE REQUIREMENTS

Students interested in AAST major programs may apply online via the Horry County Schools website in their 10th-grade year to attend AAST for their 11th and 12th-grade years. If accepted, students will be notified in writing. Students must adhere to the district's deadline dates for application submission and return acceptance agreements.

### ACTIVITIES AT AAST

**Athletics:** Since AAST is a program school, students may participate in extracurricular and athletic opportunities at the base high school if that same opportunity is not offered at AAST.

**Fine Arts:** The Advanced Art Major is a two-year program designed for juniors and seniors interested in studying art at an advanced level. While in this program, students will produce art in one of the largest art studios in the state. They will be introduced to varying artistic styles as well as relevant contemporary and historical artists. Students will learn to interpret, analyze, and evaluate their own work. Students will also develop the ability to adapt and apply skills while recognizing the important influence of the visual arts in our daily lives. AAST also has electives for technical theater and performing arts.





## ACADEMIC ACCOMPLISHMENTS & RECOGNITIONS:

- AAST is Cognia STEM certified.
- AAST's Clean Energy and Aerospace teams were recognized in the Plant the Moon Challenge: one team was named Best in Show for Experimental Design in the high school category and the top overall high school team in the nation.
- 52 Pre-Med students earned National EKG Technician Licenses; 21 received their Pharmacy Technician certification.
- AAST's robotics team placed 12th in the regional FIRST Robotics competition.
- TSA students placed 1st in 3 categories at state, 2nd in 8 categories, and 3rd in one category.
- HOSA students won 1st place in 2 categories and finished in the top 5 for 14 categories in state competition.
- Three AAST students were named National Merit Semifinalists.
- The Entertainment Technology students placed 1st, 2nd, and 3rd in this year's Historical Sites and Structures Video Contest sponsored by the Horry County Historic Preservation Commission.
- Art students were recognized as award winners in the SC State Fair Juried Art Competition, the Burroughs and Chapin High School Art Competition, and the ArtFields Jr. art competition.
- Senior student selected to participate in the SC STEM Signing Day 2023.
- AAST students were awarded 15 1st, 2nd, and 3rd place awards at the HCS Tech Fair.
- AAST congratulated five student winners of the SC Junior Science & Humanities Symposium.
- AAST Aerospace Engineering students placed 2nd in the Airman Knowledge and 3rd in the Aircraft Recognition Competition in the inaugural AviCom, a South Carolina competition that allowed students to demonstrate their aviation knowledge.
- AAST placed 1st in the Level II category in the Dr. Subhash Saxena High School Math Contest at CCU.
- AAST Cyber Patriot team finished in 2nd place in the state of South Carolina and 294th place nationally out of 3,264 teams.
- AAST Pre-Medical Teacher Ms. Dana McCallum was named SC Health Science Teacher of the Year
- AAST's Annie Johnson was an HCS Top Ten Teacher of the Year.
- AAST's Mr. Sellers won the ESRI K-12 ArcGIS Online Teacher of the Month Challenge for September 2022
- 99.5% of AAST Seniors are Career Ready
- 80% of AAST Seniors are both College and Career Ready
- 100% of CTE major seniors earned at least one professional credential
- 95% of ALL seniors have earned a professional certification or credential
- 80% of ALL seniors have earned more than one professional credential.
- AAST Students have earned a total of 586 professional certifications or credentials
- 89% of seniors are CTE Completers - 185 seniors
- AAST Students have completed 847 Work Based Learning experiences
- 62 students completed a 40-hour internship



## Academy for the Arts, Science & Technology

**Mission Statement** AAST is an Advanced STEM-certified school committed to preparing its students to be college and career-ready global citizens by fostering creativity, innovation, systematic problem-solving, and critical thinking through participation in rigorous and authentically collaborative academic and career experiences.

## Clubs & Organizations

- Academy for Christ
- Cyber Patriot
- Health Occupations Students of America (HOSA)
- Robotics
- Student Council
- Tree Huggers
- TSA (Technology Student Association)
- A Capella Koir
- National English Honor Society
- National Honor Society
- Beta Club
- Rho Kappa
- Science National Honor Society
- National Foreign Language Honor Society
- National Technology Honor Society
- National Art Honor Society



# Academy for the Arts, Science & Technology

Find Us on:



@HCSAAST

Visit us online at: [www.horrycountyschools.net/Academy\\_for\\_Arts\\_ScienceTech](http://www.horrycountyschools.net/Academy_for_Arts_ScienceTech)

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# Inspiring Possibilities