

Major Entrance Requirements

- Two Units of English
- Two Units of Math (must include Geometry or Algebra 2)
- Two Units of Science (must include Biology)
- One Unit of Physical Education

Application Process

- Apply online through Horry County Schools or the AAST website.
- Thoroughly complete the application before the deadline.
- If accepted, return the acceptance confirmation by the district deadline.

Vision

Realize the Possibilities

Mission

AAST is a Cognia whole school 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.



What is STEM?

STEM stands for Science, Technology, Engineering, and Mathematics. STEM is a philosophy of education embracing teaching skills and subjects in a way that resembles real life. STEM is about discovering and creating ingenious ways of problem solving, integrating principles, or presenting information. Instead of teaching courses in independent subject compartments, lessons are well rounded, project and inquiry based, with a focus on interdisciplinary learning. STEM education prepares students to explore and advance in their chosen STEM related career pathway to ensure they are college and career ready. Education is no longer about memorizing facts. STEM is about learning how to think critically, evaluate information, apply knowledge, and problem- solve to compete in the 21st century workforce.

Global Logistics Instructor

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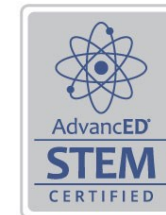
Guidance Counselors

Wanda Randall - NMB, GSF, LHS, AHS, MBH
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Lacey Gordon - CFHS, CHS, SHS, SJHS
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Administration

Kelly Wilson - Principal
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Mariah Reiss - Assistant Principal
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Global Logistics



The Academy for
the Arts, Science,
and Technology

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What is Global Logistics?

Global logistics and supply chain management connect internal functions of an organization with other institutions around the globe. It is vital to understand the roles of logistics and supply chain management in a global economy where individuals and organizations have access to markets across the world. This field requires critical thinking and problem-solving skills to coordinate the movement of goods and services that may be separated by a few feet or thousands of miles. In an industry always striving for optimization, decision-making skills are paramount.



Major Courses

Course 1: Introduction to Logistics

This course engages students in solving contextual problems related to the concepts of supply chains, warehouse location, contingency planning, insourcing and outsourcing, and expanding existing supply chains.

Course 2: Functional Areas in Logistics

This course compels students to explore deeper understandings of the concepts they discovered in the previous course as they navigate projects on warehouse design, inventory management, transportation optimization, information technology, emergency responsiveness and the supply chain for manufacturing.

Course 3: Global Logistics Management

This advanced course offers challenging projects that require students to look at the global implications of the industry in more earnest as they experiment with decisions over intermodal transportation, route selection, international shipping regulations, emergency preparedness, cultural awareness, business ethics and international trade restrictions related to a distribution strategy.

Course 4: Logistics and Supply Chain Management

This advanced course allows students to see the implications of all the concepts they learned in the previous three courses as they consider environmental impact, selecting business partners in a global and domestic chain, information technology and decisions regarding e-commerce. Students explore the ongoing need to balance dependability and resource outlay in meeting customer demands around the world.

Opportunities

- Industry guest speakers
- Career research and exploration
- Inquiry and project based instruction
- Industry standard certification



AP Capstone Opportunity

Students may choose to pair AP Capstone with the Entertainment Technology major. Students must take AP Capstone Seminar in their junior year followed by AP Capstone Research their senior year.

