

## Academy of Arts, Media & Entertainment



**AOAME** is a four-year arts intensive program offered for students who are interested in exploring, experiencing and developing skills in the cultural arts. Actors, stage crew, set designers, musicians, and video and graphic artists are among the professionals meeting with and mentoring students. Students will study dance, vocal and instrumental music, theatre, video, graphic and performing arts through hands-on, project-based presentations and performances. They will have opportunities to attend various performances within and outside of school.

## Academy of Design & Engineering

**AODE**, using the Project Lead the Way Engineering program, offers students opportunities to develop Science, Technology, Engineering and Mathematics (STEM) knowledge, skills, and problem solving methodologies to solve complex, open-ended problems within a real-world context. Through work-based learning experiences, AODE students will be able to build highly transferable skills in collaboration, communication, and critical thinking, relevant to many professional careers.



## Academy of Finance & Business



**AOFB** explores how businesses operate, grow, and thrive in our ever-changing world. Key concepts include factors that influence the success of businesses and products and labor and business ownership. Professional ethics, characteristics, and industry skills are developed. Practical skills like personal banking, credit, insurance, and budgeting are highlighted within their academic setting. Manufacturing, investing and accounting are explored along with opportunities to learn among professionals in the hope of refining potential entrepreneurship, career choices, and life goals.

## Academy of Health Science

The rigorous **AOHS** curriculum allows students to investigate careers in the health care industry as they study the concepts of human anatomy and physiology, public health, genetics and microbiology through work-based learning experiences. They will explore the interactions of human body systems as they pertain to prevention, diagnosis and treatment of disease. This could lead into the exciting careers of physician, nurse, respiratory therapist, radiology, lab technician, medical billing and records, pharmaceuticals, medical insurance and a broad range of related occupations.



## Academy of Hospitality & Tourism



Students enrolled in **AOHT** curriculum will explore a rigorous program that will expose them to real world scenarios to develop necessary skills in customer service, management and operational planning, problem solving, collaboration and critical thinking using industry proven methodologies. All students have opportunities to learn from and among professionals through work-based projects, experiential visits to community businesses, job shadowing and apprenticeships/internships.

## Academy of Information Technology

**AOIT** links academic strategies to student goals for college and career success. Students have opportunities to learn from professionals such as programmers, web designers, word processors and software engineers. Academic, organizational and life skills will be integrated throughout core and academy courses to enable individual opportunities to be engaged in learning experiences that explore several elements in this field. Classes include Principals of Information Technology, Graphic Design, Digital Video Production, Database Design, Web Design and Computer Systems.



## SGHS Vision

To engage students in their pursuit of an academically challenging career plan based on individual interests, talents and goals crucial for success to be future ready.

## About NAF

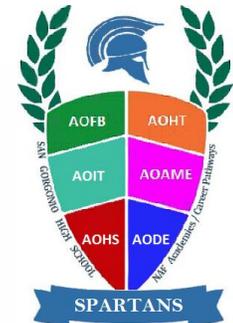
Our SGHS Academies are members of NAF, a national network of education, business, and community leaders who work together to ensure high school students are college, career, and future ready. Since 1982, NAF has been partnering with existing high schools in high-needs communities to enhance school systems at a low cost by implementing NAF academies – small learning communities within traditional high schools. NAF has grown from one NAF Academy of Finance in New York City to hundreds of academies across the country focusing on growing industries that include: finance, hospitality & tourism, information technology, engineering and health sciences. NAF's educational design ignites students' passion for learning and gives businesses the opportunity to shape America's future workforce by transforming the learning environment to include STEM infused industry-specific curricula and work-based learning experiences, including internships. During the 2014-15 school year, nearly 82,000 students attended 667 NAF academies across 38 states, including Washington DC and the US Virgin Islands. In 2014, NAF academies reported 97% of seniors graduated with 93% of graduates planning to go to college.



**Work-based learning** is essential in preparing all students for success in college and careers. It is a core component to link academic learning in school to students' goals. The primary purposes of work-based learning are to expose students to future options and provide opportunities for skill development. The stages of work-based learning include career awareness and exploration, career preparation and career training. It is intentionally designed to help students extend and deepen classroom work through interactions with industry or community professionals that are linked to school-based instruction.



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NAF  
Academies

