



COMING SOON...

# SPHS ACADEMY OF ENGINEERING & TECHNOLOGY

The SPHS Academy of Engineering & Technology will be open to all upcoming 9th graders in the Paulding County School District beginning with the 2022-2023 school year. The Engineering pathway needs students who are academically prepared to meet the rigors of the course work and have a willingness to engage and work hard!

The SPHS Academy of Engineering & Technology will prepare students for careers in high demand career fields including:



## AERONAUTICAL ENGINEERING

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Aeronautical engineers work with aircraft. They are involved primarily in designing aircraft and propulsion systems and in studying the aerodynamic performance of aircraft and construction materials. They work with the theory, technology, and practice of flight within the Earth's atmosphere.

**\$85,000-160,000** per year



## CIVIL ENGINEERING

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Civil engineers design major transportation projects. Civil engineers conceive, design, build, supervise, operate, construct and maintain infrastructure projects and systems in the public and private sector, including roads, buildings, airports, tunnels, dams, bridges, and systems for water supply and sewage treatment.

**\$65,000-108,000** per year



## INDUSTRIAL ENGINEERING

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Industrial engineers find ways to eliminate wastefulness in production processes. They devise efficient systems that integrate workers, machines, materials, information, and energy to make a product or provide a service.

**\$60,000-135,000** per year

## REQUIREMENTS

No required middle school classes needed.

Upon acceptance, must take high school Honors/AP Level Math Courses, Honors/AP Level Science Courses, and 2 Years of World Language.

**APPLICATIONS WILL BE ACCEPTED**

**January 2022**

See SPHS website for more details  
<https://www.paulding.k12.ga.us/Domain/40>