What is the Heritage High School Governor’s STEM Academy?

The state and nationally recognized program at Heritage High School Governor’s STEM Academy expands options for students in science, technology, engineering and mathematics (STEM). The program combines academic coursework and research experience with a challenging and focused school environment to prepare students for 21st century careers. Students will gain the knowledge and skills needed to succeed in technologically rich workplaces by learning how to work in teams, communicate effectively and apply the principles of science, technology, engineering and mathematics.

The magnet program is designed to provide students in grades nine through twelve the opportunity to explore several STEM career paths. The program prepares students for bachelor’s degrees, two-year associate’s degrees, apprenticeships and employment.

How can I find additional information?

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HeritageHS_STEM
HHSStemAcademy
Who is eligible?

Students must demonstrate an interest in the Governor’s STEM Academy and the ability to benefit from the instruction it offers. All rising ninth-grade students are welcome to apply. All other students must contact the program administrator. Siblings of 2019-20 Governor’s STEM Academy ninth- through eleventh-grade magnet students will receive priority admission for the 2020-21 school year.

What does the program require of students?

In order to complete the program successfully, students must:

- Complete an advanced mathematics course beyond Algebra II
- Maintain a minimum 3.0 GPA
- Take a mathematics, science and technology course each year
- Complete a STEM work-based internship (minimum of 15 hours)
- Complete courses within a specific pathway in:
  - Information Technology
  - Programming and Software Development
  - Science and Mathematics
  - Engineering and Technology
  - Video and Media Arts
  - Network Systems
- Earn an industry certification
- Complete 200 hours of school and/or community service
- Complete the Senior STEMinar course

Program Areas

In addition to taking English, math, science, social studies, physical education and world languages, students will take a technology course related to their career interest in one of the following program areas each year:

- Engineering and Robotics
- Computer Science and Game Design
- Computer Networking and Cybersecurity

How do I apply for the program?

All students who wish to attend the Governor’s STEM Academy must submit an application by the January deadline. Applications are available at any Newport News school, the Administration Building and on the Newport News Public Schools website at www.nnschools.org/magnet.

Transportation is provided to all magnet programs.