



## District Mission

Empowering leaders who impact the NOW and innovate the FUTURE.

## PROFILE

# eSTEM Early College Academy



## Our Academy

As a demonstration STEM school for the State of Ohio, eSTEM Early College Academy uses scientific methods, technology, engineering and math to solve problems in all content areas, including environmental science.

Students rely on industry-standard laboratory equipment and software to conduct research to complete learning activities that develop the critical thinking skills necessary for today's workforce. Our academy also prepares students for the rigors of college by enrolling them in three classes per semester in a blocked format allowing them to accelerate college credit attainment and to become familiar with semester-based classwork.

## Partnerships

We utilize our professional partnerships in the community to maximize the learning experiences of our students. Some of our partners include:

- Franklin University
- COTC
- Battelle Memorial Institute
- Dynalab
- Ohio STEM Learning Network (OSLN)

## Get in Touch

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## Mission

Our mission at eSTEM Academy is to create a challenging learning community where students experience science, technology, engineering and math through a variety of disciplines. Students are engaged in innovative thinking and problem-solving, while examining the environmental and social issues of current and future generations.

## Academic Options

All Reynoldsburg High School academies offer Weighted (Enriched) or Non-weighted credit for many classes. For those choosing enriched courses, Advanced Placement (AP) and college level classes, students will receive weighted grades. This enables us to personalize the experience for every student.

## Internships

Students will be mentored by professionals from various STEM fields to gain hands-on, authentic learning experiences. Internships are designed to provide students with important career skills and experience in a professional environment.

**Find a Pathway** 

## Three Pathways

At the end of their freshmen year, students will choose one of three pathways. The pathway that a student chooses will determine the coursework that they take.



### Energy

This pathway has a heavy focus on the sciences and includes courses like AP Environmental Science, AP Chemistry and AP Biology. The future of Ohio is heavily dependent on energy production and consumption and students in this pathway will have a great head start in this emerging industry.



### Digital

This pathway revolves around computer science and coordinates with COTC and Franklin University to give students courses in programming and networking. Students in this pathway will have a jump start on careers in IT and up to two years of their four-year degree completed.



### Design

Design pathway students will utilize our two fabrication laboratories (Fab Labs) to conceptualize, design, develop, prototype and test almost anything. Students will complete four Project Lead the Way courses that are aligned to careers in engineering and have opportunities to earn college credits for these courses.