

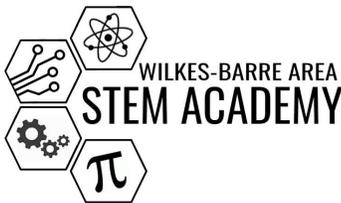
# Wilkes-Barre Area School District STEM Academy

2021 Wolfpack Way  
Plains, PA 18705  
(570) 826 - 7111 ext. 8126  
[https://www.wbasd.k12.pa.us/wbasdstemacademy\\_home.aspx](https://www.wbasd.k12.pa.us/wbasdstemacademy_home.aspx)

Brian Costello, Superintendent  
Hal Gabriel, STEM Academy Principal  
Jill Saporito, STEM Guidance Counselor  
Keith Eberts, STEM Department Chair  
Diane McFarlane, Senior College Counselor

**CEEB Code: 390094**  
**Clearhouse Code: 852468**

## Family, Community, and Teamwork

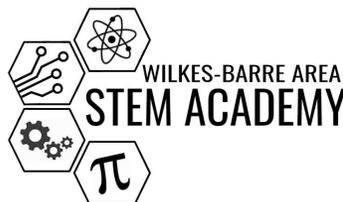


The Wilkes-Barre Area STEM Academy is a science, technology, engineering and mathematics program that uses three dimensional, hands-on educational experiences to help students apply knowledge gained into future STEM related professions. Our students work in a collaborative environment that emphasizes the importance of teamwork. We personalize the learning process by flipping the standard teaching philosophies into a more student - centered and teacher facilitated environment. In their tenure at the STEM Academy students can take up to six science classes and four math classes. We have four engineering classes integrated into the curriculum for our students to take in their four years at the STEM Academy. We take pride in our motto, Family, Community, and Teamwork. The STEM Academy has a family atmosphere due to our smaller class sizes. Our local community leaders work directly with our students through mentorship programs, internships, and competitions. This teaches our students the importance of networking and building relationships outside of the classroom. Our Dual Enrollment Program allows students to take college courses from our local partners, Wilkes University, King's College, and Penn State Wilkes-Barre.

**Enrollment:** Gr. 9 - 21; Gr. 10 - 23; Gr. 11 - 14; Gr. 12 - 20

**Young Scholars:** College Courses available to eligible Juniors and Seniors.

Wilkes-Barre Area STEM Academy is one of two high schools in the Wilkes-Barre Area School District. The other is: Wilkes-Barre Area High School grades 9-12



**Post Graduate Statistics:** Based on class of 2021

- 84% 4-year public/private schools
- 8% 2-year college
- 8% workforce

**STEM Grading Scale**

<b>A</b>	93-100	3.72 - 4.00
<b>B</b>	85-92	3.40 - 3.28
<b>C</b>	75-84	3.00 - 3.36
<b>D</b>	70-74	2.80 - 2.96
<b>E</b>	70- Below	2.8 - 0

**GPA: weighted 100 point scale**

**At the Wilkes-Barre STEM Academy we do not rank students due to the small class sizes.**

**Science Courses:**

Biology (I, II, and AP)  
Chemistry (I, II, and AP)  
Physics  
AP Physics  
Adv. Investigations in Science and Biomimetics

**Math Courses:**

Algebra II  
Geometry  
Trigonometry / Pre-Calculus  
Calculus  
AP Calculus

**Engineering Courses:**

Engineering I - Design Engineering  
Engineering II - Robotics Engineering  
Engineering III - Civil Engineering & architecture

**History Courses:**

U.S History I  
U.S History II  
Civics or AP History

**English Courses:**

Advanced English 9  
Advanced English 10  
Advanced English 11 or AP  
Advanced English 12

**Computer Sciences**

Programming 1  
Programming 2  
Programming 3

