

Enrichment Opportunities

Summer Bridge Program

Robotics Competition

Rocketry

Internships/Mentorships

Career Opportunities

Electrical Engineer

Mechanical Engineer

Robotics Engineer

Computer Engineering

Civil Engineering

Architectural Engineering

Electronics Engineering

Vision Statement

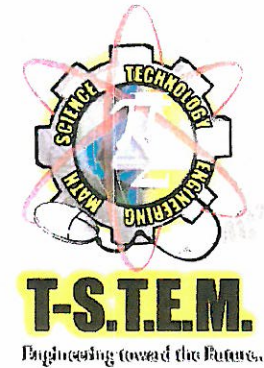
All students who enroll in the T-STEM Academy will graduate from high school as leaders of the community with work skills of the 21st Century, fully prepared to enter college.



Mission Statement

Focusing on an Engineering Pathway through school and work-based experiences, student will develop 21st Century skill by increasing student engagement through a more rigorous and innovative curriculum in technology, science, engineering and math.

Parkland High School



Science Technology Engineering and Math Academy

For more information contact:

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Why STEM Matters

- Science, Technology, Engineering and Math is where the JOBS ARE!
- STEM workers can expect HIGHER salaries
- There are not enough STEM workers in the work force
- American students aren't keeping up with other countries in science and math
- STEM knowledge and education is critical to the U.S. for economic growth
- Other nations are racing to stay ahead of the U.S. in STEM education
- NOT having a STEM education is costing Americans JOBS and MONEY

The T-STEM Academy at Parkland High School is a designated TEA Academy and an official National Certified PLTW STEM Academy

Students develop strong relationships with teachers cultivating a safe environment where students are encouraged to take risks, explore ideas and problems, then propose effective solutions

Transitioning seamlessly from high school to college and resulting in a significant financial benefit for the families.

Empowering teachers while inspiring students through the advancement study of science, technology, engineering and mathematics.

Methodology is of a strong academic foundation as well as technical expertise in a learning environment that favors problem-solving and interdisciplinary instruction ensuring high standards and challenging opportunities through integration of theory and best practices.

T-STEM Academy's Learning Philosophies:

- Project Based Learning
- Teambuilding Activities
- Cooperative Learning Opportunities
- Small Learning Community
- Building student teacher Relationships
- College-prep Curriculum (Pre-AP, AP, & Dual Credit)
- Job Shadowing
- Internships
- Mentorships
- Scholarships
- Community Service
- Career Counseling