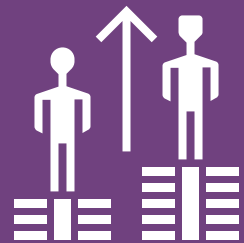


El Paso



340

students



57.6%

economically disadvantaged



Synergi4 T-STEM Academy



TEXAS COLLEGE & CAREER READINESS SCHOOL MODELS

Inquiry, Investigation, Innovation and Invention are the defining tenets of SYNERGI4 T-STEM Academy at Montwood High School in Socorro ISD. Montwood has been serving students with the T-STEM model since 2014. The rigorous and well-rounded program at the academy consistently attracts hundreds of students to apply for admission each year. The school matriculates a cohort of 60 biomedical and 60 engineers from an annual applicant pool of approximately 300 candidates. SYNERGI4 T-STEM Academy holds its students to challenging standards while developing leadership and citizenship. Students participate in and lead community service projects throughout the year while engaging in extracurricular STEM activities, clubs and robotics competitions.

Through an extensive partnership network, the academy offers considerable opportunity and access to its students. The school partners with Microsoft TEALS (Technology Education and Literacy in Schools), a Microsoft Philanthropies program that connects classroom teachers with tech-industry volunteers to create sustainable computer science programs. Microsoft volunteers work with students on projects that empower them to innovate and create. The academy also partners with UTEP (University of Texas at El Paso) College of Engineering, Texas Tech Health Science School and EPCC (El Paso Community College). As the academy's IHE partner, EPCC allows students to earn up to 42 hours toward an associate degree. Volunteers from nonprofit The LIBRE Initiative work with students throughout the year to help them develop financial literacy and other soft skills for college and life beyond. By enriching its program with robust IHE and industry partnerships, SYNERGI4 T-STEM Academy continues to lead the region in STEM programming and development of market-competitive graduates.



93.3%

Graduation Rate



60.3%

Graduating with 15+ College Credit Hours



91.7%

Grade 11 Students Who Passed TSI Math