



Prefreshman Engineering Program



LEARN • EXPLORE • ACHIEVE • DISCOVER

2019 SAN ANTONIO IMPACT REPORT



488
Students



25+
Districts



140+
Schools



Students receive 140+ instructional contact hours and are eligible to receive TEA CTE elective credit.

7 PARTNER INSTITUTIONS

- UTSA - Downtown Campus (Year 1)
- San Antonio College (Year 1&2)
- North West Vista College (Year 1)
- TAMU - San Antonio (Year 2)
- Northeast Lake View College (Year 1)
- St. Mary's University (Year 3)
- UTSA - Main Campus (Year 4)



95% completion rate.

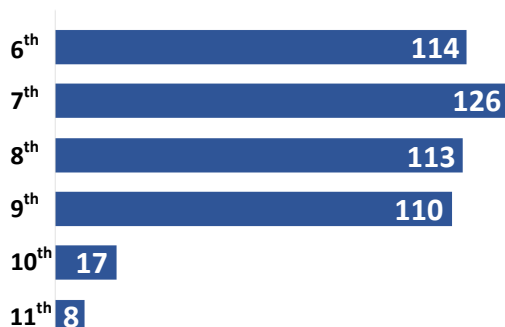
100% passing rate.



A+

92 average final grade.

GRADE LEVEL AND DEMOGRAPHICS



Minority

66%

Female

51%

Low-SES

9%

First Gen.

19%

► 18% neither category

WHO WE ARE

The Prefreshman Engineering Program (PREP) aims to be the premier pre-college program for identifying and supporting secondary students in their pursuit of science, technology, engineering, and mathematics (STEM) education and careers.

WHAT WE DO

PREP is a national summer program that prepares middle and high school students for advanced studies and careers in STEM fields. Program priorities include improving participation of women and underrepresented minorities in these fields, promoting collaboration between educational institutions and industry, and innovating coursework to develop students' critical thinking skills.

CORE CURRICULUM

Year 1

Logic and Intro. to Engineering

Year 2

Algebra and Intro. to Physics

Year 3

Probability/Statistics and Intro. to Technical Writing

Year 4

Computer Science, Cybersecurity, or Nanotechnology

All Years

Problem Solving, Research and Study, and Career Awareness Seminars