Prefreshman Engineering Program

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.

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

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.
92 average final grade.

GRADE LEVEL AND DEMOGRAPHICS

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<th>Grade</th>
<th>Minority</th>
<th>Female</th>
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18% neither category