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

2020 SAN ANTONIO IMPACT REPORT
378 Students Completed
21+ Districts
107+ Schools

Covid-19 adjustments
PREP Alternative Program operated for 7 weeks from June 15–July 27, 2020

Students participated through distance learning to abide by social distancing state mandates

6 Instructors facilitated online instruction through synchronous and asynchronous modalities

939 applications submitted
96% had access to technology
40.2% completion rate

GRADE LEVEL AND DEMOGRAPHICS

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Minority 58%
Female 46%
Low-SES 17%
First Gen. 16%