

# Prefreshman Engineering Program 2020 Texas Impact Report



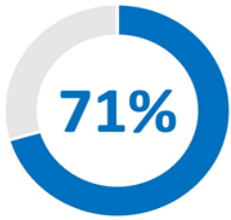
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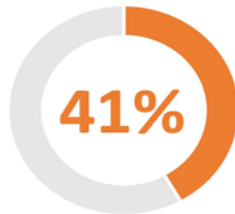
**1425**  
Students



**100+**  
Districts



**Minority**



**Female**

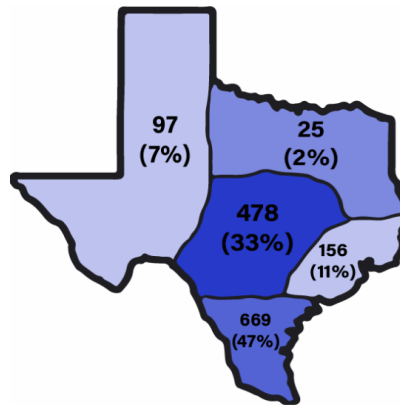
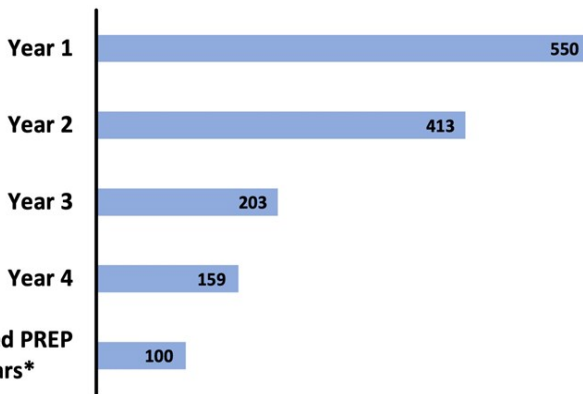


**First  
Generation**

**88% Completion Rate**  
**Passing Rate 95%**



## # BY PREP YEAR & REGION



\*Represents Years 1-4 curriculum taught in a blended format

## 8 PARTNER INSTITUTIONS



## 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.

## COVID-19 RESPONSE

Students completed the program entirely online through site created flexible learning formats. Learning opportunities were offered through synchronous and asynchronous instruction.

## 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