

# Texas Prefreshman Engineering Program



LEARN • EXPLORE • ACHIEVE • DISCOVER

## 2018 TexPREP Impact Report



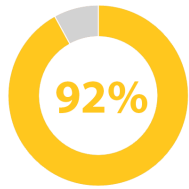
**3197**  
Students



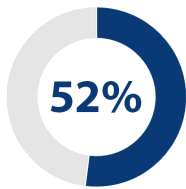
**125+**  
Districts



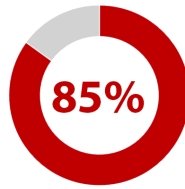
Students receive 140+ instructional hours and may receive high school elective credit.



**Completion**

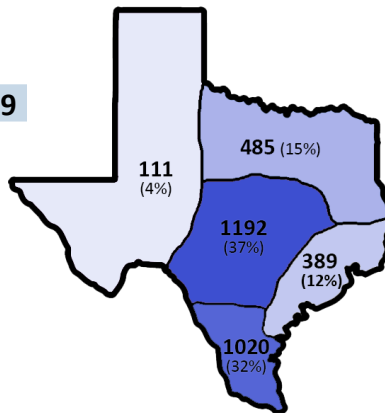
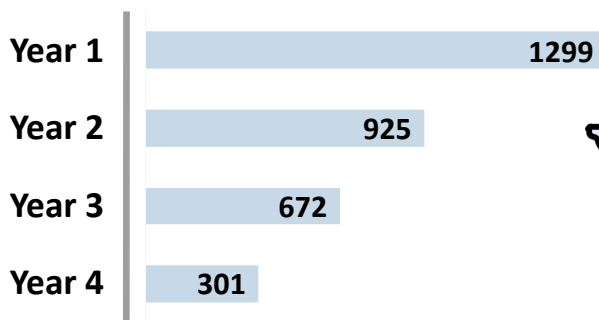


**Female**



**Minority**

### > # BY THE YEARS & REGION



### > 16 PARTNER INSTITUTIONS



## WHO WE ARE

The Prefreshman Engineering Program (PREP), under The UTSA Institute for P-20 Initiatives at UTSA, 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