Prefreshman Engineering Program
2020 Texas Impact Report

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

# BY PREP YEAR & REGION

<table>
<thead>
<tr>
<th>Year</th>
<th>Students</th>
</tr>
</thead>
<tbody>
<tr>
<td>Year 1</td>
<td>550</td>
</tr>
<tr>
<td>Year 2</td>
<td>413</td>
</tr>
<tr>
<td>Year 3</td>
<td>203</td>
</tr>
<tr>
<td>Year 4</td>
<td>159</td>
</tr>
<tr>
<td>Blended PREP Years*</td>
<td>100</td>
</tr>
</tbody>
</table>

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

8 PARTNER INSTITUTIONS