OVERVIEW

- P-TECH is an innovative partnership between a school district, a community college(s), and one or more local high growth industry employer(s).

- Students begin in ninth grade and continue for up to six years (i.e. high school and two equivalent years of college), and will graduate with both a high school diploma and an industry-recognized associate degree, in addition to gaining relevant workplace skills.

- Students receive intensive student support services, mentoring, job shadowing, internships, pre-apprenticeships, and other workplace educational experiences.

- P-TECH is open to all students, with a special focus on encouraging enrollment of students who are socio-economically and racially diverse, first-generation college students, English language learners, and students with disabilities.

APPROVED SCHOOLS/PROGRAMS

**Falcon Tech - St. Vrain Valley School District**
*First year of operation: 2016-17*

*Higher Ed Partner: Front Range Community College*
*Business Partner: IBM*
*Degree/Pathway: Associate of Applied Science CIS*

**Power TEC - James Irwin Charter Schools**
*First year of operation: 2016-17*

*Higher Ed Partner: Pikes Peak Community College*
*Business Partner: Bal Seal Engineering; JPM Prototype; Allegion; Woodford Manufacturing*
*Degree/Pathway: Associate of Applied Science: Machining Tech; Architect Engineer/Construction Management; Heating Air Conditioning & Refrigeration Tech; Computer Aided Drafting; Electronics Tech; Welding*

**EC@N-STEM - Adams 12**
*First year of operation: 2016-17*

*Higher Ed Partner: Front Range Community College*
*Business Partner: Lumen*
*Degree/Pathway: Associate of Applied Science (CIS Programming & CIS Networking) & CIS Certificates*

**Cañon City High School**
*First year of operation: 2018-19*

*Higher Ed Partner: Pueblo Community College – Fremont Campus*

2019-20 Highlights:

- Eleven P-TECHs have been approved since the inception of this program (HB 15-1270)
- 2019-20 total student enrollment (652 students) increased by 60% over 2018-19 total student enrollment (408 students)
- First-generation college students make up 44% (290 students) of total student enrollment
- 2019-20 is the first reporting period that provides post-graduation data for P-TECH students. Approximately 73% of 2020 P-TECH graduates are either employed with a P-TECH industry employer partner or in their field of study with an employer at another location, or are pursuing continued education in their P-TECH field of study.
Business Partner: TechSTART
Degree/Pathway: Associate of Applied Science Computer Information Systems, Automotive Tech, Fire Science. Certificates: Forensic Computing; Microsoft Office Applications; Networking; Programming; Security. Exploring degrees in Engineering, Medical Sciences, and CTE

STEM School Highlands Ranch
First year of operation: 2018-19
Higher Ed Partner: Arapahoe Community College
Business Partner: Panther Industries, Inc.
Degree/Pathway: Associate of Applied Science Cyber Security & Advanced Manufacturing. Certificates: Cyber Defense; Electronics Assembly; Robotics

Warrior Tech – St. Vrain Valley School District (Frederick High School)
First year of operation: 2019-20
Higher Ed Partner: Aims Community College
Business Partner: Agilent Technologies, Inc.; Tolmar; Novartis Gene Therapies, KBI Biopharma
Degree/Pathway: Associate of General Science w/focus in Biochemistry; will incorporate appropriate certifications in the future

Warrior Way High – Mesa County Valley School District 51 (Central High School)
First year of operation: 2019-20
Higher Ed Partner: Western Colorado Community College
Business Partner: CAMA West; Reynolds Polymer; Schmueser and Associates; Jabil Lewis; GDP Global; Wren Industries
Degree/Pathway: Associate of Applied Science in Manufacturing Technology with specializations in machining, welding, CAD and Mechatronics; Associate of Applied Science in Mechanical Engineering Technology

Greeley-Evans School District 6 (Greeley Central High School, Greeley West High School, Jefferson High School)
First year of operation: 2020-21
Higher Ed Partner: Aims Community College
Business Partner: Greeley-Weld Habitat for Humanity; FCI Constructors; Vestas Blades America, Inc.
Degree/Pathway: Associate of Applied Science: Building/Construction Site Management/Industrial Technology

Abraham Lincoln High School PTECH Academy
First year of operation: 2020-21
Higher Ed Partner: Community College of Denver
Business Partner: Pinnacol Assurance; Microsoft; Denver Public Schools Finance Department
Degree/Pathway: Associate of Arts Business (Degree w/Designation); Associate of Arts CIS/Business
STUDENT ENROLLMENT DATA (2019-20 School Year)

Total student enrollment in all schools: **652**

**Student Enrollment by Grade/Year Level**

<table>
<thead>
<tr>
<th></th>
<th>Power TEC - James Irwin</th>
<th>Falcon Tech - SVVSD</th>
<th>EC@N-STEM - Adams 12</th>
<th>Cañon City High School</th>
<th>STEM Highlands Ranch</th>
<th>Warrior Tech Frederick HS SVVSD</th>
<th>Warrior Way High – Mesa 51</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Enrollment all grades/years</td>
<td>180</td>
<td>207</td>
<td>100</td>
<td>50</td>
<td>54</td>
<td>28</td>
<td>33</td>
</tr>
<tr>
<td>9th Grade</td>
<td>66</td>
<td>60</td>
<td>34</td>
<td>22</td>
<td>28</td>
<td>21</td>
<td></td>
</tr>
<tr>
<td>10th Grade</td>
<td>41</td>
<td>63</td>
<td>30</td>
<td>22</td>
<td>17</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>11th Grade</td>
<td>30</td>
<td>51</td>
<td>20</td>
<td>22</td>
<td>13</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>12th Grade</td>
<td>20</td>
<td>33</td>
<td>16</td>
<td>6</td>
<td>5</td>
<td>5</td>
<td></td>
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<tr>
<td>5th Year</td>
<td>6</td>
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</tr>
<tr>
<td>6th Year</td>
<td>2</td>
<td></td>
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</tbody>
</table>

**Student credit accumulation toward meeting established graduation goal**

<table>
<thead>
<tr>
<th>Credit Accumulation (all schools)</th>
<th>% (# of students) of total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adequate (expected to graduate <strong>on schedule</strong>)</td>
<td>69% (448)</td>
</tr>
<tr>
<td>Excess (expected to graduate <strong>ahead of schedule</strong>)</td>
<td>22% (142)</td>
</tr>
<tr>
<td>Behind (expected to graduate <strong>behind schedule</strong>)</td>
<td>9% (62)</td>
</tr>
</tbody>
</table>

Where can I learn more?

- Office of Postsecondary Readiness, ASCENT Resources
- Annual Report on Concurrent Enrollment, 2016-17 School Year
- View all CDE fact sheets: www.cde.state.co.us/communications/factsheetsandfaqs