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).

- Students 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, the first to attend college in their family, English language learners, and students with disabilities.

Approved School Information

**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: Associates 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: AAS: 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: CenturyLink*
*Degree/Pathway: Associates 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*
*Business Partner: TechSTART*
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:* Associates 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, Inc.; AveXis  
*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, and CAD; Associate of Applied Science in Mechanical Engineering Technology

### Student Enrollment Data (School year 2018-19)

Total student enrollment in all schools: **408**

<table>
<thead>
<tr>
<th>Student Enrollment by Grade/Year Level/First Generation College Student</th>
<th>Power TEC - James Irwin</th>
<th>Falcon Tech - SVVSD</th>
<th>EC@N-STEM - Adams 12</th>
<th>Cañon City</th>
<th>STEM Highlands Ranch</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Total Enrollment all grades/years</strong></td>
<td>98/7</td>
<td>157/108</td>
<td>80/67</td>
<td>48/10</td>
<td>25/0</td>
</tr>
<tr>
<td>9th Grade</td>
<td>40/2</td>
<td>66/43</td>
<td>34/29</td>
<td></td>
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</tr>
<tr>
<td>10th Grade</td>
<td>34/2</td>
<td>54/37</td>
<td>24/18</td>
<td>30/8</td>
<td></td>
</tr>
<tr>
<td>11th Grade</td>
<td>14/2</td>
<td>37/28</td>
<td>22/20</td>
<td>18/2</td>
<td>25/0</td>
</tr>
<tr>
<td>12th Grade</td>
<td>10/1</td>
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<td></td>
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<tr>
<td>5th Year</td>
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<tr>
<td>6th Year</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>
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</thead>
<tbody>
<tr>
<td>Adequate (expected to graduate on schedule)</td>
<td>85% (347)</td>
</tr>
<tr>
<td>Excess (expected to graduate ahead of schedule)</td>
<td>8% (33)</td>
</tr>
<tr>
<td>Behind (expected to graduate behind schedule)</td>
<td>7% (28)</td>
</tr>
</tbody>
</table>