

# Pathways in Technology Early College High Schools (P-TECH)

## Student Pathways



### 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*

*Institution of Higher Education Partner: Front Range Community College*

*Business Partner: IBM*

*Degree/Pathway: Associates of Applied Science (AAS)-Computer Information Systems (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; Creative Fabrications*

*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*

### **Legislation**

Gov. John Hickenlooper signed the Pathways in Technology Early College High Schools (P-TECH) bill into law (HB 15-1270) in 2015. P-TECH is intended to create a public-private partnership to prepare Colorado students for high-skill jobs of the future.

### **Approved P-TECH Schools as of January 2018:**

Falcon TECH/Skyline High School  
(St. Vrain Valley School District)  
Approved 12/11/15

Power Technical Early College  
(James Irwin Charter School)  
Approved 12/17/15

EC@N-STEM/Northglenn High School  
(Adams 12 School District)  
Approved 2/1/16

Cañon City High School  
(Cañon City RE-1)  
Approved 3/26/2018

STEM School Highlands Ranch  
(Douglas County School District)  
Approved 3/26/18



**Cañon City High School**

First year of operation: **2018-19**

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

Business Partner: **TechSTART**

Degree/Pathway: **Associates of Applied Science Computer Information Systems. Certificates: Forensic Computing; Microsoft Office Applications; Networking; Programming; Security**

**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**

**STUDENT ENROLLMENT DATA (School year 2017-18)**

Total student enrollment in all schools: **232**

**Student Enrollment by Grade/Year Level/First Generation College Student**

	<b>Power TEC - James Irwin Charter Schools</b>	<b>Falcon Tech - SVVSD</b>	<b>EC@N-STEM - Adams 12</b>
<b>Total Enrollment all grades/years</b>	<b>78/14</b>	<b>101/72</b>	<b>53/9</b>
9th Grade	<b>33/6</b>	<b>55/37</b>	<b>28/7</b>
10th Grade	<b>29/6</b>	<b>46/35</b>	<b>25/2</b>
11th Grade	<b>10/2</b>		
12th Grade	<b>6/0</b>		
5th Year			
6th Year			

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

<b>Credit Accumulation (all schools)</b>	<b># of students/% of total</b>
Adequate (expected to graduate <b>on schedule</b> )	<b>159/69%</b>
Excess (expected to graduate <b>ahead of schedule</b> )	<b>48/20%</b>
Behind (expected to graduate <b>behind schedule</b> )	<b>25/11%</b>

**Where can I learn more?**

- [Office of Postsecondary Readiness – Pathways in Technology Early College HighSchool](#)
- [View all CDE fact sheets](#)