DENVER PUBLIC SCHOOLS
CAREERCONNECT

Learning Made Real

Program Overview
Our Vision

To fundamentally transform high school learning experiences, post-secondary opportunities, and workforce development.

See Us in Action
The CareerConnect Model

School-Based Learning
- K-8 ExCite: Exploratory STEM Courses
- Year 9 Discover: Introductory & Survey Courses
- Year 10 Navigate: Foundational Courses
- Year 11 Engage: Advanced Level 1 Courses
- Year 12 Advance: Advanced Level 2 Courses
- Years 13/14* Immerse: Post-Secondary Level Courses

Work-Based Learning
- CareerSpark: Industry Simulation Event
- CareerX: Industry Exploration Event
- CareerCoach: Mentoring Program
- CareerLaunch: Internship Program
- CareerCollaborate: Industry Consulting Project

CareerResidency: Online or In-person Pathway

CareerConnect Pathways

- Denver Public Schools: BusinessConnect
- Denver Public Schools: TechConnect
- Denver Public Schools: Public SafetyConnect
- Denver Public Schools: CreativeConnect
- Denver Public Schools: HospitalityConnect
- Denver Public Schools: MedConnect
- Denver Public Schools: EdConnect
- Denver Public Schools: MakerConnect
- Denver Public Schools: AceConnect

Concurrent enrollment offered in nearly every career pathway, largely in partnership with the Community College of Denver
Alignment with Denver’s Growth

- Denver economic growth projections overall: ±7.7%
- 146,000 jobs in Metro Denver
- 37% growth

CareerConnect Teachers

- More than 150 certified Career & Technical Education teachers
- Prior industry experience
- Opportunities for continued education through CCD and other partners
- Stay up-to-date with industry trends during twice-annual summits.
Program Growth
2014-2017

2014-2015
5,277 high school students

2015-2016
6,079 high school students

2016-2017
18,528 total students (8,552 high school students and 9,966 K-8 students)

~$20 million in federal, corporate, and philanthropic grants since April 2014.

Work-Based Learning
Work-Based Learning

2,400 students
participating in work-based learning during the 2016-2017 school year

CAREERSPARK
INDUSTRY EXPLORATION EVENTS
CareerLaunch Internship Program

Overview

- **PURPOSE:** Fully-immersing young adults in an industry, building their college and career portfolios while contributing to a company’s productivity.
- Internships are 100-120 hours
- Grades 10-12
- Includes a project and training goals established by the supervisor
- Transportation and clothing assistance provided

CareerLaunch Internship Program

Summer 2016 Results

- **282 students placed at 73 companies**
- 80% of companies said the student contributed productive work within the first two weeks
- 100% of internship supervisors said they hope their company continues to participate in the program.
- 14% increase in the number of students who plan to attend college
CareerLaunch Internship Program
Looking Ahead to Summer 2017

- Approximately **500 students** will participate in the CareerLaunch internship program this year.
- 6-week summer internship program runs from June 12-July 21.
- Intensive soft skills training prior to internship.

Partnerships
Partnerships

Current Partners

260+ Business, higher ed, and government partners

97% Retention of partners over 3 years

DPS Advisory Council

- The College and Career Pathways Council is charged with guiding the expansion of CareerConnect pathways at Denver Public Schools so that Denver can lead the nation in K-12 outcomes and workforce development. Comprised of:
  - Businesses (examples: Campos EPC, Denver Health)
  - Colleges/Universities (examples: CCD, University of Colorado Denver)
  - Non-Profits (examples: Denver Scholarship Foundation, Colorado Education Initiative)
  - Industry Organizations (examples: Colorado Technology Association, Colorado Advanced Manufacturing Alliance)
  - Government (examples: Denver Office of Economic Development, City and County of Denver Technology Services)
The CareerResidency

Review: The CareerConnect Model
CareerResidency

The CareerResidency is a groundbreaking new program in DPS that revolutionizes high school education and provides students with direct routes to careers and higher education.

It builds upon the career exploration and work-based learning that students have encountered in their CareerConnect classes.

CareerResidency
Inspired by the Swiss Vocational Education System

<table>
<thead>
<tr>
<th>Swiss Vocational Education System (VET) Features</th>
<th>Swiss Workforce and Education Outcomes</th>
</tr>
</thead>
<tbody>
<tr>
<td>70% of Swiss students choose to participate in the country’s VET system, which is widely considered to be</td>
<td>The reforms that shaped the vocational educational model contributed to some tremendous outcomes</td>
</tr>
<tr>
<td>the global “gold standard” in career-focused education</td>
<td>for the country</td>
</tr>
<tr>
<td>1 Balanced mix of theory and practice—50% time spent learning in the workplace</td>
<td>• 99% secondary completion rate</td>
</tr>
<tr>
<td>2 Truly industry-driven curriculum across all learning environments</td>
<td>• 2.4% youth unemployment; 3.2% overall</td>
</tr>
<tr>
<td>3 Sustainable “earn while you learn” training model through apprenticeship wages and ROI for industry</td>
<td>• 59% higher ed attainment rate for apprenticeship grads</td>
</tr>
<tr>
<td>4 Educational permeability—no degree path is limiting</td>
<td>• On average, 30% higher earnings for apprenticeship grads in equivalent professions</td>
</tr>
<tr>
<td></td>
<td>• $80,000+ GDP per capita; virtually no poverty</td>
</tr>
</tbody>
</table>
CareerResidency

Student Benefits

- High School Diploma
- College Credit
- Training Wage
- Industry Experience

CareerResidency

Hub School Sites

- High Tech Early College
- CEC Early College
- Denver School for Innovation and Sustainable Design
- Abraham Lincoln High School
### CareerResidency
Higher Education Pathways

<table>
<thead>
<tr>
<th>CAREERCONNECT PATHWAY</th>
<th>HIGHER ED PARTNER</th>
<th>EXPECTED OUTCOME</th>
<th>FUTURE OPTIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>MakerConnect</td>
<td>CCD</td>
<td>AAS CNC Manufacturing</td>
<td>Apply to complete a BS in Engineering Technology at Metro State University</td>
</tr>
<tr>
<td>MakerConnect</td>
<td>CCD</td>
<td>Stackable Pre-Engineering Coursework</td>
<td></td>
</tr>
<tr>
<td>BusinessConnect</td>
<td>CCD</td>
<td>Stackable AA Degree in Business</td>
<td>Apply to complete a BA in Business at public universities across Colorado</td>
</tr>
<tr>
<td>MedicalConnect</td>
<td>CCD</td>
<td>Stackable A5 Degree in Biology</td>
<td>Apply to complete a BS in Biology or Pre-Med at public universities across Colorado</td>
</tr>
<tr>
<td>TechConnect</td>
<td>UCD</td>
<td>Up to half the credit towards a BS in Computer Science</td>
<td>Continue and complete a BS in Computer Science at UCD</td>
</tr>
<tr>
<td>TechConnect</td>
<td>CCD</td>
<td>Stackable AAS in Computer Information Systems</td>
<td>Apply to complete a BS in Computer Information Systems at Metro State University</td>
</tr>
</tbody>
</table>

CCCD - Community College of Denver  
UCCD - University of Colorado at Denver  
BA - Bachelor of Science  
BS - Bachelor of Arts  
AA - Associate of Arts  
AAS - Associate of Applied Science

The Community College of Denver has been a critical thought partner in the development of the CareerResidency program.
Partnership Needs
Estimated New Partners for 2017-2018

150 new companies
To be recruited for summer 2017 and the 2017-2018 school year

How Denver’s Leaders Can Help

- Networking
- Referral
- Convening industry pitch sessions
Why Support DPS CareerConnect?

**Graduation Rates**
CareerConnect students are 30% more likely to graduate.

**Post-Secondary Readiness**
Rigorous preparation for the workforce and higher education.

**ROI & Sustainability**
Annual operating costs are low for a very high return. State and federal reimbursements cover much of operating costs.

**Denver’s Human Talent Pipeline**
Denver/Colorado can lead in human capital with a highly skilled and highly educated workforce.

---

www.dpscareerconnect.org
Contact us at: karis_morrall@dpsk12.org