



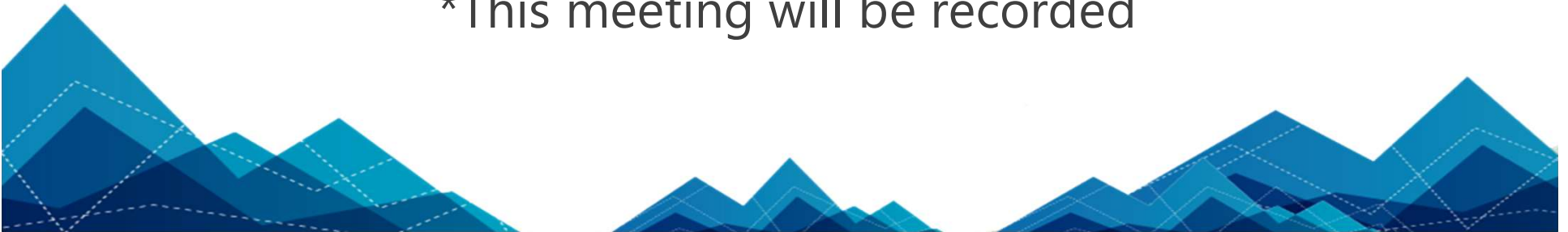
Colorado Workforce  
Development Council



# Business and Education Platforms

March 11, 2021

\*This meeting will be recorded



# Work-based Learning Incubator Convening

[Call for proposals, volunteers and students](#)

June 3-4

10:00 - 3:00 PM



## Goal:

To celebrate your work this year and wrap up the WBL Incubator year long experience. We will share promising practices and hear from practitioners across the state as well as have space and time to collaborate and ideate.

# 21st Century Learning Community Grant



Applications are being accepted for the Nita M. Lowey 21st Community Learning Centers (CCLC) grant, a three-year, \$5.75 million grant to help establish or expand community learning centers that provide students with academic enrichment opportunities, along with activities designed to complement the students' regular school day. Priority will be given to those programs serving students who attend high-poverty, low-performing schools.

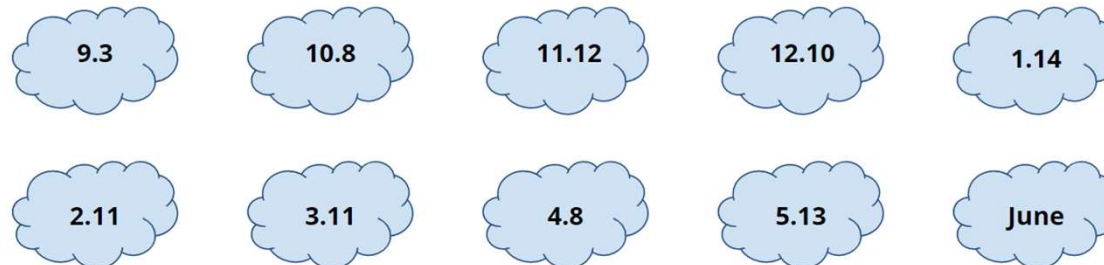
The 21st CCLC programs provide students with a broad array of activities during non-school hours or periods when school is not in session (such as before and after school, holidays, weekends, fifth day programming for schools/districts with a four-day school week, or during summer recess).

Applications are due Wednesday, April 14, by 11:59 p.m. For additional information and to access the application, please visit the 21st CCLC website

[Click Here for Additional Information](#)



# Punch Card and Survey



Work-based Learning Incubator Punch Card



## Objective

Attendees will learn how two regions are partnering and using digital platforms to support the connection between industry partners and students.

## Agenda

- Pikes Peak Business and Education Alliance
- Xello with Poudre and Thompson School Districts

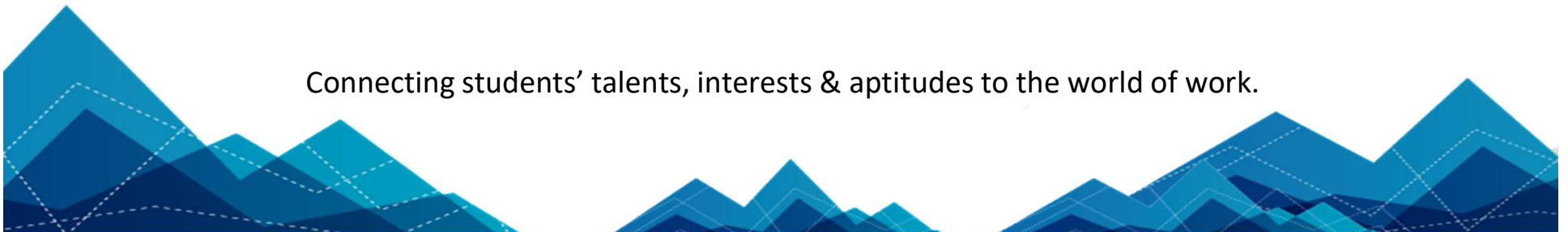




# THE PIKES PEAK BUSINESS & EDUCATION ALLIANCE

A community of schools workforce development initiative

Connecting students' talents, interests & aptitudes to the world of work.



## PPBEA Solutions Framework



Through a  
repeatable  
knowledge  
transfer process

Collaborate vs.  
compete



Through  
intentional  
work-based  
learning and

Build our own  
workforce



## PPBEA Strategies, Tools & Practices

Align multiple school systems to create transformational workforce development partnerships

Consolidate & connect career advisories to occupational demands & instructional pathways

Focus on high demand occupations in need of a community talent development solution

Reconstruct the college decision process

Operating the MARKETPLACE as a connection point between business & education

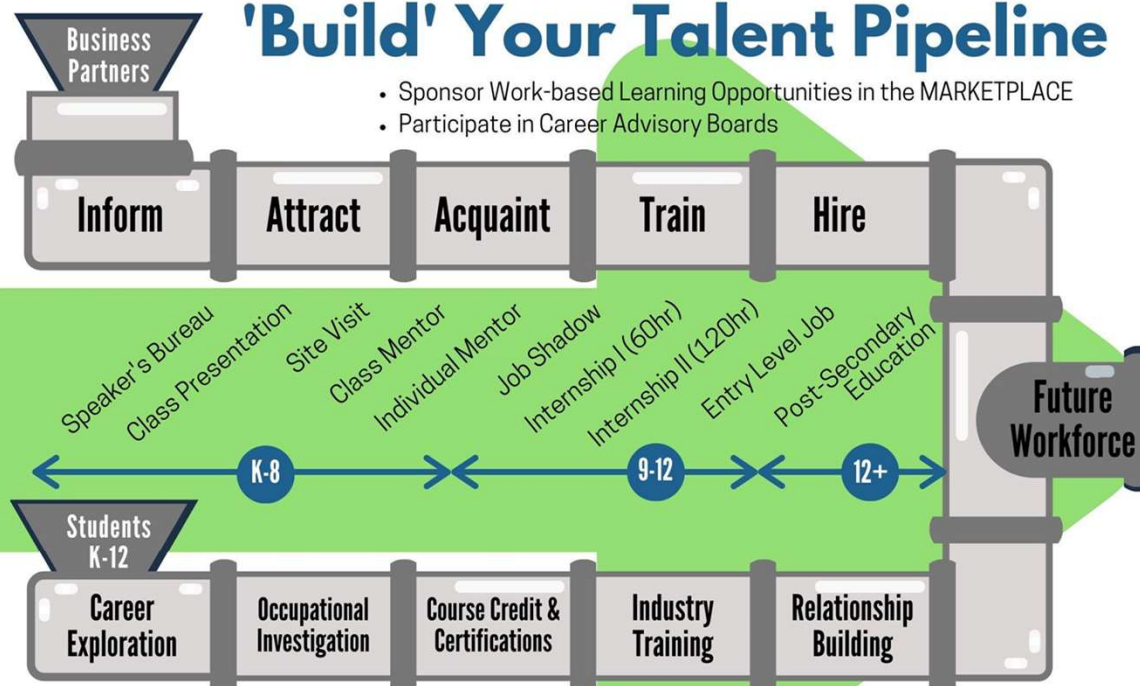
Using the Work-based Learning Continuum as a talent development tool





# 'Build' Your Talent Pipeline

- Sponsor Work-based Learning Opportunities in the MARKETPLACE
- Participate in Career Advisory Boards



- PPBEA manages exposure based on stated capacity
- Applicants screened to ensure they meet outlined requirements
- Schools cover students with workers' comp while on job sites for education

[www.PPBEA.org/Business](http://www.PPBEA.org/Business)



Community of Schools Workforce Development Initiative

ppbea.org – our own “Indeed.com”



### Industry Inputs

Register Career Representative Accounts  
&  
Post WBL Opportunities

### Education Inputs

Register Staff & Student User Accounts  
&  
Complete Student Profiles

### The Work-based Learning MARKETPLACE

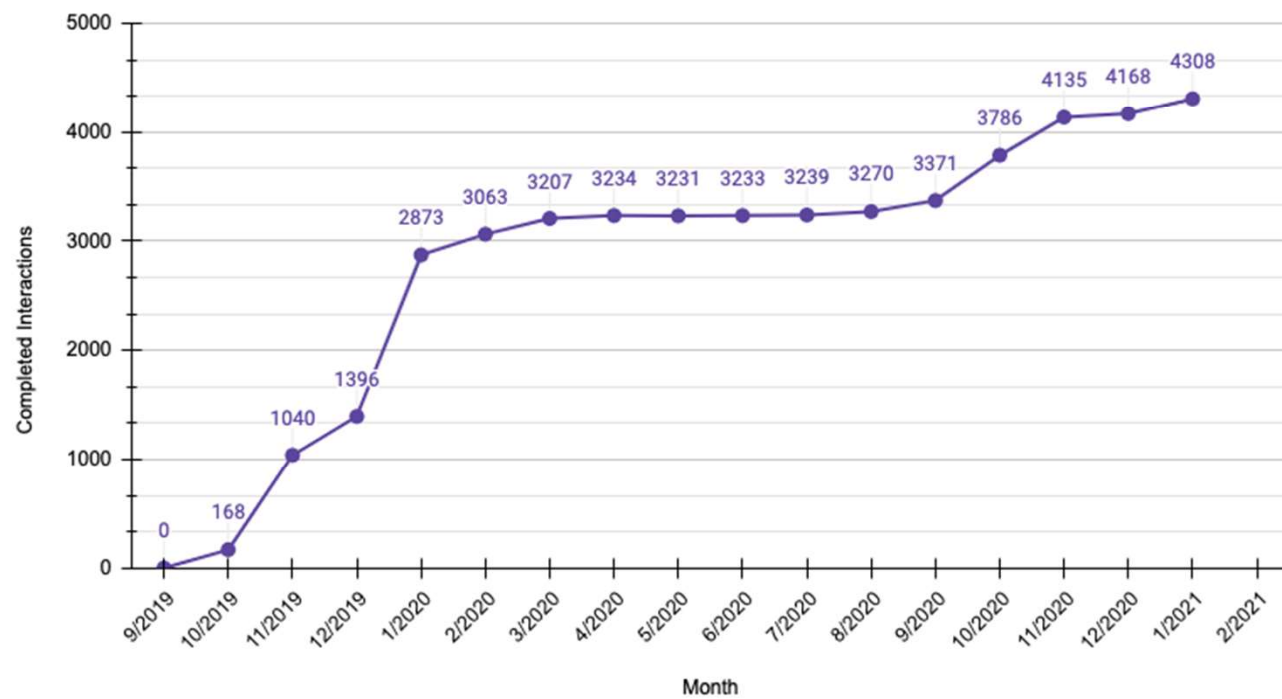
### Key Output

Completed  
Student Career Connected Interactions



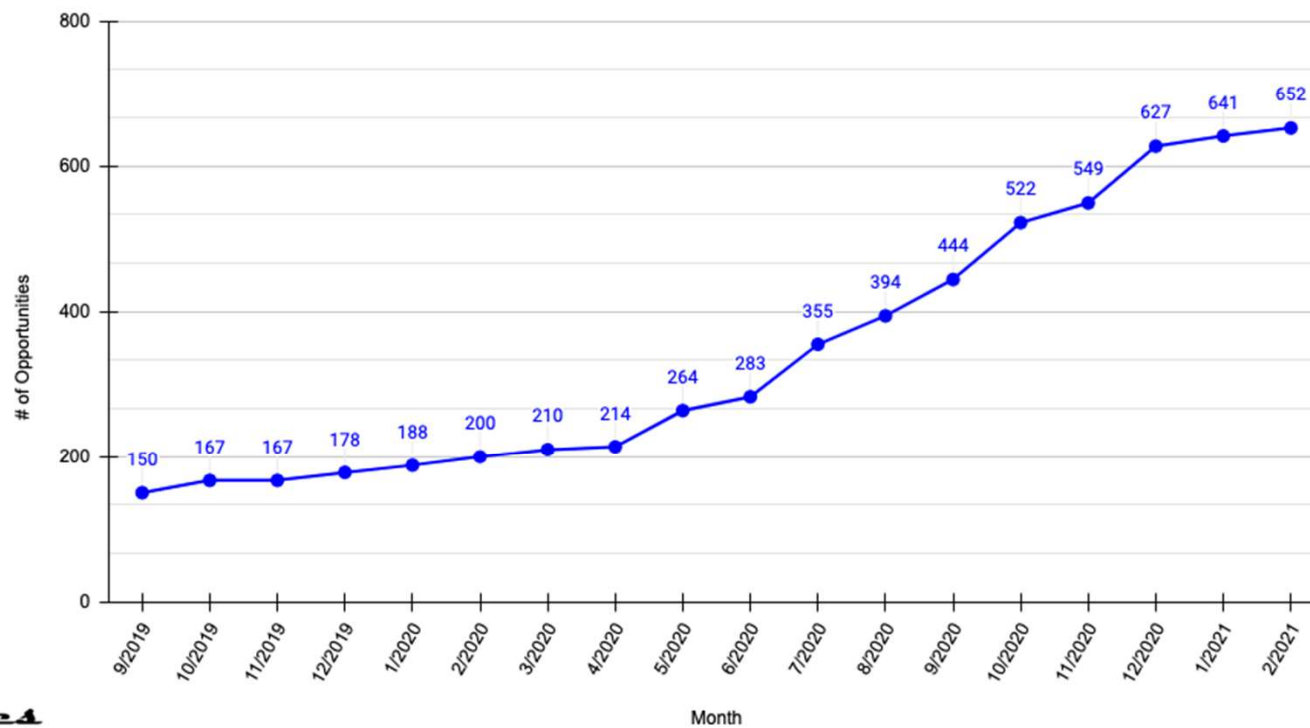


## Completed Student Interactions





## Cumulative Opportunities



# Stakeholder Values



## K-12



- Reconnect K 12 students with the world of work
- Business development
- WBL opportunity development
- Scope of learning development
- Student work readiness
- Student career development/ICAP
- Improved college decision making
- Convening regional pathway advisories
- Marketplace scalability, quality, etc;

## Industry



- Defragmentation of K 12 transforms ability to connect
- Reduction of employer fatigue
- Tools & practices answer the how to help question
- Systems empower industry to attract, inform and train the next generation of talent
- New talent development ecosystem

## Post-Secondary



- Improved alignment between academic programming
- Hopeful for improved alignment and sequencing of WBL programming
- Partnership on WBL or apprenticeship/pre apprenticeship grant opportunities
- Improved outcomes for students entering college



[HTTPS://WWW.PPBEA.ORG/](https://www.ppbea.org/)

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DIRECTOR

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# Work-Based Learning Platform - Xello



## Poudre School District - [xello.psdschools.org](http://xello.psdschools.org)

- Tanya Alcaraz - *Career and Technical Education Coordinator*
- Kelly Kappel - *Work-Based Learning Outreach Coordinator*

## Thompson School District - [www.thompsonschoools.org/wbl](http://www.thompsonschoools.org/wbl)

- Susan Scott - *Business Community Coordinator, Thompson School District*







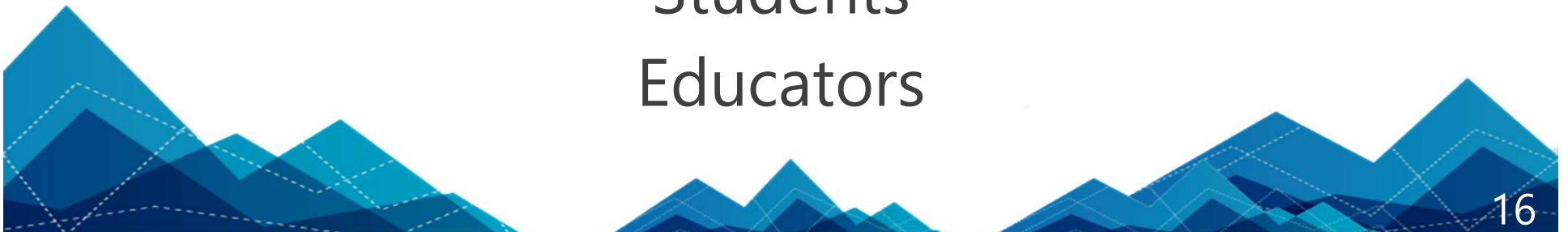
Every Student, Future Ready

## WBL and ICAP Platform

Industry Partners

Students

Educators





**xello** YOUR KEY TO:

- ✓ Workforce Development
- ✓ Diversify your talent pool
- ✓ Increase brand recognition
- ✓ Support our local community!

**xello**

**YOUR ONE-STOP-SHOP TO CONNECT  
WITH STUDENTS AND EDUCATORS IN:**



POUDRE SCHOOL DISTRICT  
NORTHERN COLORADO



**READY TO JOIN XELLO?**

**[CLICK HERE to get started](#)**

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Poudre School District  
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970.217.5519

Susan Scott  
Business Community Coordinator  
Thompson School District  
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970.541.1232



**[xello.psdschools.org](http://xello.psdschools.org)**

**[thompsonschoools.org/WBL](http://thompsonschoools.org/WBL)**

# Industry Partners



*The Xello platform allows industry partners to take an active role in career education and engage with K-12 partners regionally.*

Feature	Benefit
Partner profile	Create awareness
Virtual career coach	Dispel myths about careers
Post WBL opportunities for multiple districts/regionally	Ease of engagement/reduced workload
Manage student applications	Measure engagement with K-12



# The Student Experience



# MANUFACTURING MACHINE OPERATOR



\$19,000 - \$62,000



High School

Like this career?

Save

Manufacturing machine operators run the machines that turn raw materials into finished products. They work with complex machines and tools in plants and factories.

## JOB DESCRIPTION

Think of the last time you were in a store. Did you consider how all the products were made? From pants to pasta to pills, the items we buy every day begin life as raw materials. They must be transformed into the finished products we use. Manufacturing machine operators play a central role in this process.

### SIMILAR CAREERS



**Tool and Die Maker**  
\$32,660 - \$76,900



**Welder**  
\$28,560 - \$63,740



**Bookbinder**  
\$21,890 - \$50,910



**Production Woodworker**  
\$20,670 - \$45,410

### HUDDLES

Join the discussion to find out more about this career.

Let's Go!



### COMPANIES

Check out which companies hire people in this career.

Let's Go!



# MECHANICAL ENGINEERING TECH

Join the discussion and find out more about this career.

Ask a question...

Post



**Caleb** Grade 11 • Fort Collins High School  
Feb. 5, 2020

...

what makes this career different from mechanical engineering? I don't want to sound foolish and am really interested in the areas of mechanical engineering and nuclear engineering.



Write a reply...



**Jonathan** Business Development • Frontler Metal Stamping  
Feb. 5, 2020

...

A Mechanical Engineering Tech does the "hands on" jobs usually being directed by an M.E. A Mechanical Engineer does the higher order thinking (theoretical) and design work.



## ABOUT THIS CAREER

 \$34900 - \$85430

 2-Year College or Technical Training

[View Profile](#)

## SIMILAR HUDDLES



[Manufacturing Machine Operator](#)



[Mechanical Engineer](#)



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	<p><b>CareerWise Colorado</b>          CareerWise Colorado's modern youth apprentices earn a wage while receiving hands-on work experience where they can apply their high-school classroom learning each week. By the conclusion of the program, students will have: meaningful work experience, a nationally-recognized industry certification, a professional network, and the opportunity to earn debt-free college credit. The apprenticeship lasts 2 - 3 years to ensure students have the exper ...</p>	<p>Denver, CO</p>
	<p><b>Forney Industries</b>          Forney Industries is one of America's longest operating family owned tool, equipment and accessory product companies. Headquartered in Fort Collins, Colorado, the company was founded in 1932 and introduced the first publicly available arc welder in the 1940s. Today, Forney offers thousands of metalworking products within four categories: welding, abrasives, personal protective equipment and shop tools. We have an extensive customer netwo ...</p>	<p>Fort Collins, CO</p>
	<p><b>Muller Technology CO</b>          Swiss-based MULLER is a global leader in mold making and automation technology for the development of thin-wall plastic packaging. Approximately 200 highly trained specialists at our locations in Switzerland and the U.S. offer international customers a comprehensive range of services such as product development, part and label design and engineering. Other key services include piloting and quality control services such as in-house testing, pro ...</p>	<p>Fort Collins, CO</p>
	<p><b>PTA Plastics</b>          Removing hassle and adding high-end expertise. PROVIDING INNOVATIVE SOLUTIONS. PTA Plastics is an employee-owned plastic injection molding company founded in 1953 with the vision to bridge the gap between product design and production. With deep moldmaking competencies and a cohesive, tight team of employee-owners, we focus on the medical industry, defense/security industries and emerging technologies. See a virtual tour of P ...</p>	<p>Longmont, CO</p>
	<p><b>Tolmar Inc.</b>          At Tolmar, we serve patients around the world by developing innovative, specialty pharmaceutical products. Our portfolio includes specialty products for urology, oncology and dermatology. The invention, development and worldwide approval of ELIGARD® (leuprolide acetate for injectable suspension) delivers innovation and commitment to the urology, oncology and hospital communities, providers and patients. Technology-driven development and high-q ...</p>	<p>Fort Collins, CO</p>
	<p><b>Woodward</b>          Woodward is an independent designer, manufacturer, and service provider of control solutions for the aerospace and industrial markets. Our aerospace systems and components optimize the performance of fixed wing and rotorcraft platforms in commercial, business and military aircraft, ground vehicles and other equipment. Our industrial related systems and components enhance the performance of industrial gas and steam turbines, reciprocating engin ...</p>	<p>Fort Collins, CO</p>



# MULLER TECHNOLOGY CO

 Fort Collins, CO

Source: Muller Technology CO

Swiss-based MULLER is a global leader in mold making and automation technology for the development of thin-wall plastic packaging. Approximately 200 highly trained specialists at our locations in Switzerland and the U.S. offer international customers a comprehensive range of services such as product development, part and label design and engineering. Other key services include piloting and quality control services such as in-house testing, production molds

Show More

**HEADQUARTERS**  
Fort Collins, CO  
[View Map](#)

**CONTACT INFO**  
9702299500  
[www.muller-technology.com](http://www.muller-technology.com)

## GET EXPERIENCE

Opportunities and events are a great way to get experience and find out more about careers you like. You can learn what a real workplace is like, observe daily tasks on the job, and build specific skills. You'll also get to ask questions and network with professionals in your field!

## OPPORTUNITIES

Automation Technician

Industry/Capstone/Mentorship



# INDUSTRY/CAPSTONE/MENTORSHIP

Muller Technology CO - Other



Date & Time

Feb 8, 2021 to Mar 30, 2021



Location

3939 Automation Way, CO, Fort Collins, 80525

Interested in this opportunity?

Request

**Overview:** If you chose to apply, please understand that this opportunity includes five elements of career exploration. Please consider your daily schedule and your capacity to meet opportunity requirements prior to submitting your application.

## Exploration Activities - 5 Elements

- |                          |  |                                    |
|--------------------------|--|------------------------------------|
| 1. Applicant Interviews: | Week of April 5 - 9, 2021                | (1 hour)                           |
| 2. Shadow:               | Week of April 26 - 30, 2021              | (Three to eight hours)             |
| 3. Internship, Unpaid:   | Summer - 2021                            | 80 hours; 5 hours school credit)   |
| 4. Paid Position:        | Fall Semester                            | (Must interview for paid position) |
| 5. Exit Interview:       | (Post paid position / completion of job) |                                    |

## Role and Responsibilities

As an intern Automation Technician, you will be responsible for mechanical, electrical, and pneumatic assembly of custom robotics to engineering specifications. Your ability to learn and receive instruction is paramount to your success in this position. you will also be a part of Lean manufacturing practices, which requires continuous improvement of processes, workflow, and cleanliness.

It would be great if the student has enrolled in or has taken technical classes or is involved in extra curricular projects with a club or on their own.

## Preferred Skills

Positive attitude, self-starter, willingness to learn and gain workplace experience. Ability to receive instruction with an open mind and constructive feedback on your work without being offended. Your success is our

# MULLER

## ABOUT THIS COMPANY

Fort Collins, CO

View Profile

## SIMILAR OPPORTUNITIES



Other  
Wild Roots Studio



# The Educator Experience



**Over 45 Internships/Apprenticeships Available!**













**CSU – Internships in Pollination Ecology**  
**CSU – Internships in Environmental Chemistry**  
**Muller – Automation Technician or Capstone Project**  
**Forney Industries - Capstone Project**  
**Tolmar – Apprenticeship in Manufacturing**  
**Columbine – Apprenticeship in Healthcare (CNA)**  
**DaVinci Signs - Graphics Intern - Marketing**

Login to [Xello](#) - click on "explore options" and start your application today!

## REQUESTS

[All Requests](#)

NAME	OPPORTUNITY	ACCESS	LAST ACTIVITY ↓	STATUS
 Cameron Carter Fossil Ridge High School	Internships in Pollination Ecology CSU Forest &...	In-Network	Mar 6, 2021	Requested
 Harika Shankar Fort Collins High School	Paid Summer Healthcare Internships Larimer County...	In-Network	Mar 6, 2021	Requested
 Alesandra Fairchild Fort Collins High School	Paid Summer Healthcare Internships Larimer County...	In-Network	Mar 5, 2021	Requested
 Ashton Jane Poudre High School	Columbine - Certified Nurse Assistant Apprentice Columbine Health...	In-Network	Mar 5, 2021	Scheduled
 Himaghna Kuntumalla Fossil Ridge High School	Internships in Environmental Chemistry CSU Forest &...	In-Network	Mar 5, 2021	Scheduled
 Anne Sullivan Fort Collins High School	Paid Summer Healthcare Internships Larimer County...	In-Network	Mar 5, 2021	Requested
 Lucyanna Glenn Fort Collins High School	Larimer County Funded Internships Larimer County...	In-Network	Mar 5, 2021	Requested
 Lucyanna Glenn Fort Collins High School	Paid Summer Healthcare Internships Larimer County...	In-Network	Mar 5, 2021	Requested
 Emma Batson Fort Collins High School	Paid Summer Healthcare Internships Larimer County...	In-Network	Mar 4, 2021	Requested
 Jackson Barron Fort Collins High School	Columbine - Certified Nurse Assistant Apprentice Columbine Health...	In-Network	Mar 4, 2021	Scheduled

## COMPANIES



Manage Companies

## OPPORTUNITIES



Manage Opportunities

## CONTACTS



Manage Contacts

## HUDDLES



Manage Huddles

# Student/Industry WBL Engagement Data



	January 1st, 2018	January 1st, 2019	Difference	% Change
# of Company Profiles	37	92	55	149%
# of Company Profile Page Views	1	206	205	20500%
# of Career Coaches	34	87	53	156%
# of Career Coach Discussion Board Posts	12	106	94	783%
# of Work-Based Learning Student Requests	7	208	201	2871%
# of Work-Based Learning Opportunities Available	130	288	158	122%

# Work-Based Learning Platform - Xello



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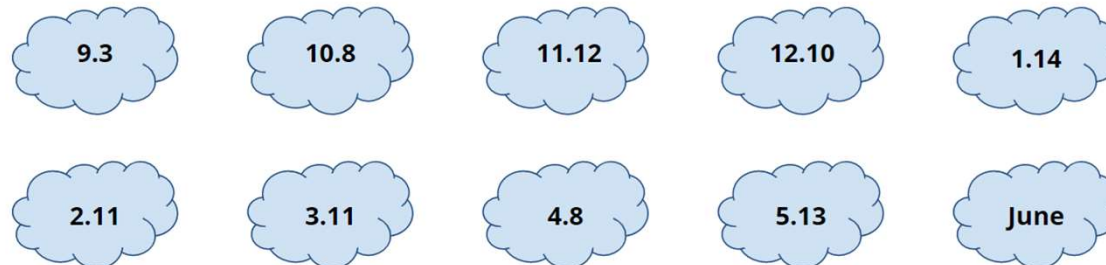
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- Susan Scott - *Business Community Coordinator, Thompson School District*





# Punch Card and Survey



Work-based Learning Incubator Punch Card



# Next Webinars



- April 8 - 2:30 - 4:00 Increasing Access to WBL for students with disabilities
- May 13 - 2:30 - 4:00 WBL Program Measurement and Assessment





Colorado Workforce  
Development Council

Thank you!