

Vision for Inclusive Technology Talent Pipeline

Daley

Harold
Washington

Kennedy-King

Malcolm X

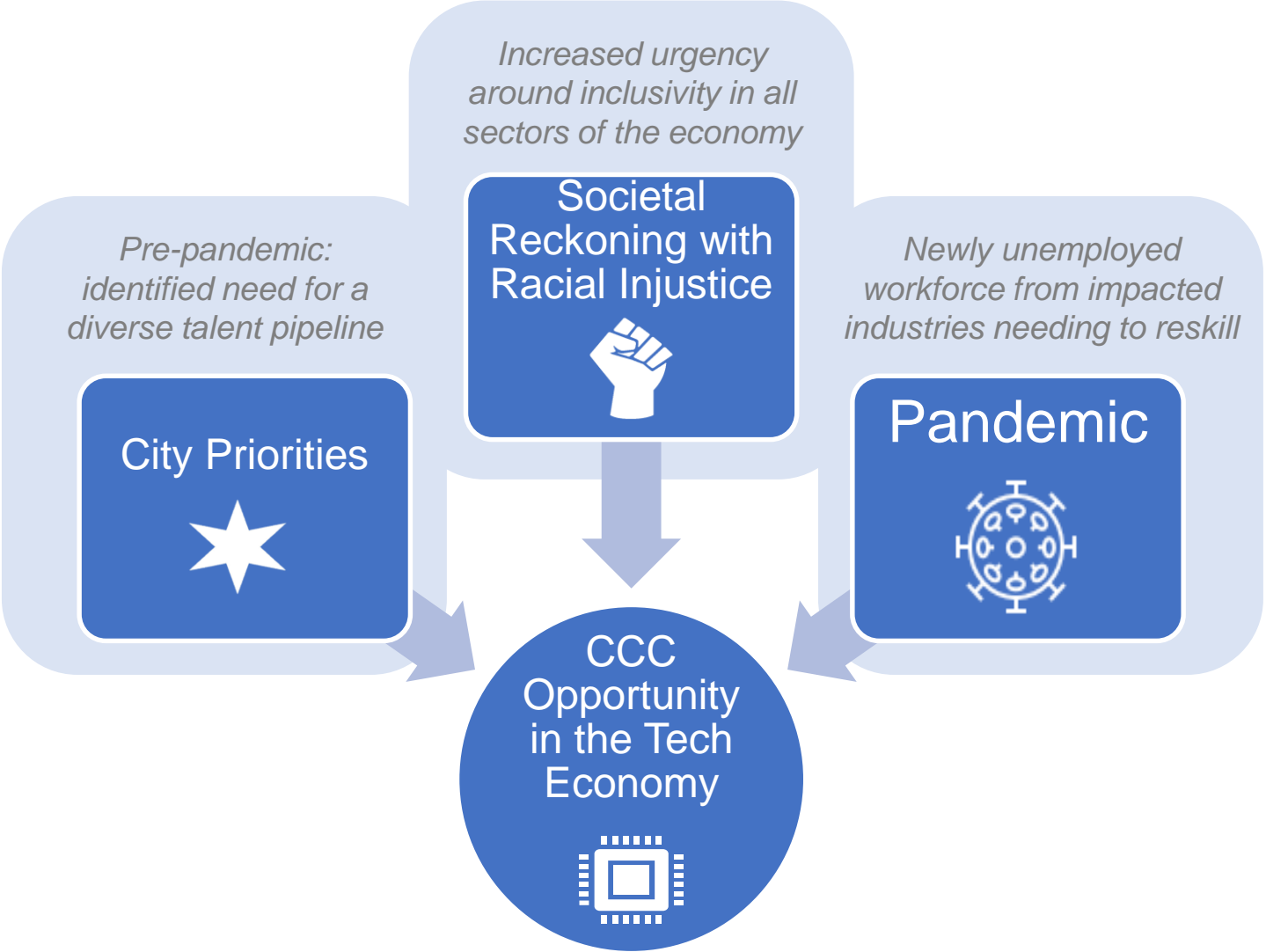
Olive-Harvey

Truman

Wright



CCC is poised to meet the need at a unique moment in time



Opportunity - Community colleges remain the gateway to higher education for many Americans – especially diverse talent.

We know how to re-skill and get talent back to work, especially since high school diplomas are no longer the gateway to a livable-wage paying job.

City Colleges of Chicago has the resources and unique proximity to talent to provide a strong foundation and ultimately serve as an economic engine.

Framing the problem: lots of opportunity, little diversity

The industry lacks diversity in its workforce - a challenge companies are ready to address and CCC is poised to prepare this inclusive talent pipeline.

Technology job outlook in Cook County								
SOC	Description	2020 Jobs	2030 Jobs	2020-2030 Change	2020-2030 % Change	Avg. Annual Openings	2020-2030 Openings	Median Annual Earnings
15-1200	Computer Occupations	92,010	97,813	5,803	6%	7,887	86,759	\$88,904.50

Racial Equity – CCC’s students reflect Chicagoans in a way the industry currently does not

Race/Ethnicity	Currently in occupation ¹	Chicago ²	CCC ³
White	59.0%	50.0%	14.0%
Asian	22.9%	6.6%	6.57%
Black or African American	8.5%	29.6%	27.2%
Hispanic or Latino	7.8%	28.8%	48.4%
Two or More Races	1.5%	2.8%	1.91%
American Indian or Alaska Native	0.1%	0.3%	0.1%
Native Hawaiian or Other Pacific Islander	0.1%	0.1%	0.1%

CCC students can help close the tech industry’s notorious gender gap

Gender	Currently in occupation ¹	Chicago ²	CCC ³
Male	75.2%	48.6%	40.8%
Female	24.8%	51.40%	59.1%

Sources:

¹EMSI Computer Occupations (2018 SOC 15-12) in Cook County, IL

Including: software developers, web developers, information security analysts, network system administrators

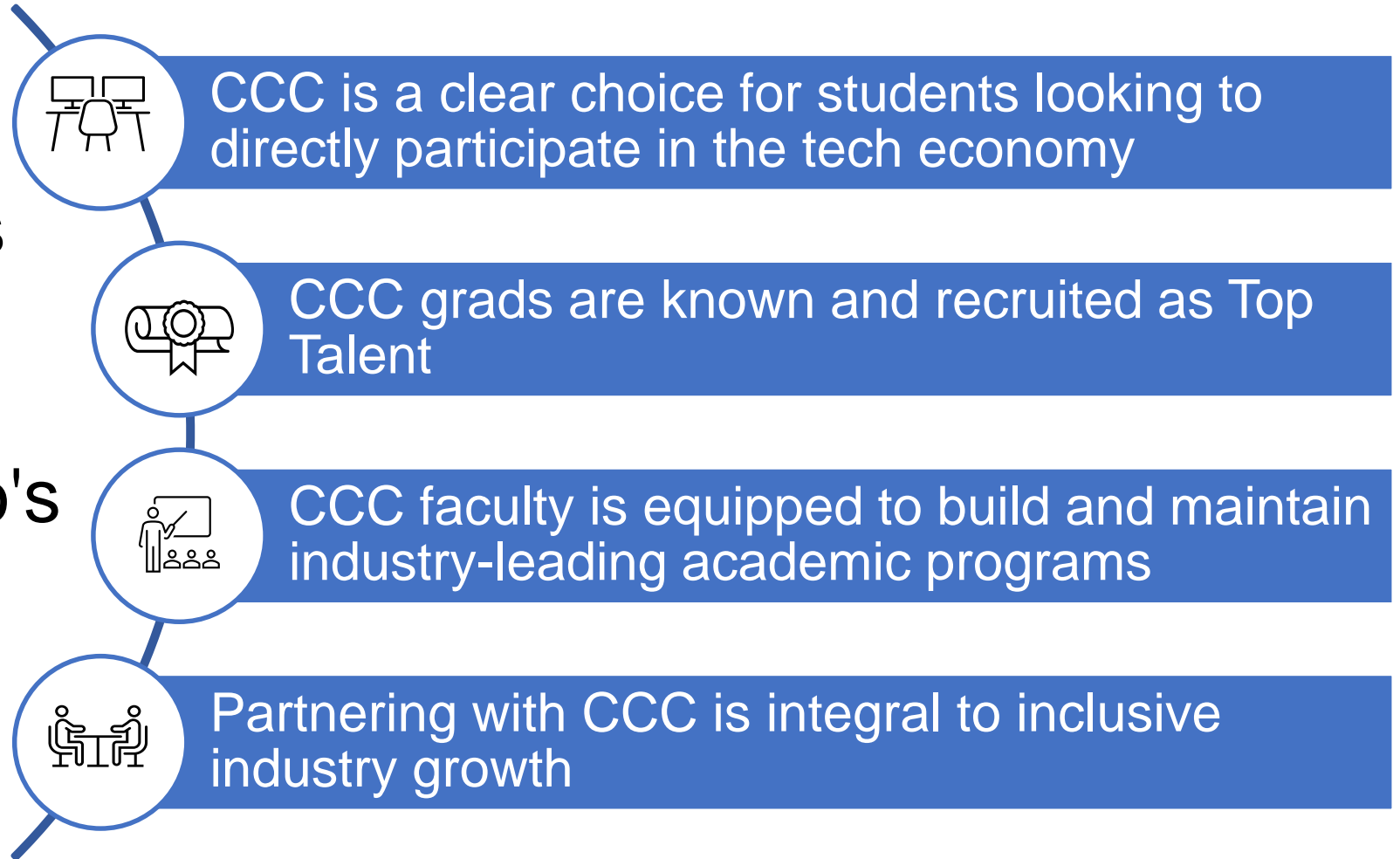
²Census.gov, Chicago, IL Population Estimates as of July 2019

³City Colleges of Chicago Self Reported Enrollment Demographic Data



Our Vision

CCC serves as an economic engine for the City of Chicago's Tech Industry



CCC is well-positioned with clear market competitive advantages and positioning within Chicago's Tech Ecosystem



Affordable



Accessible



Responsive



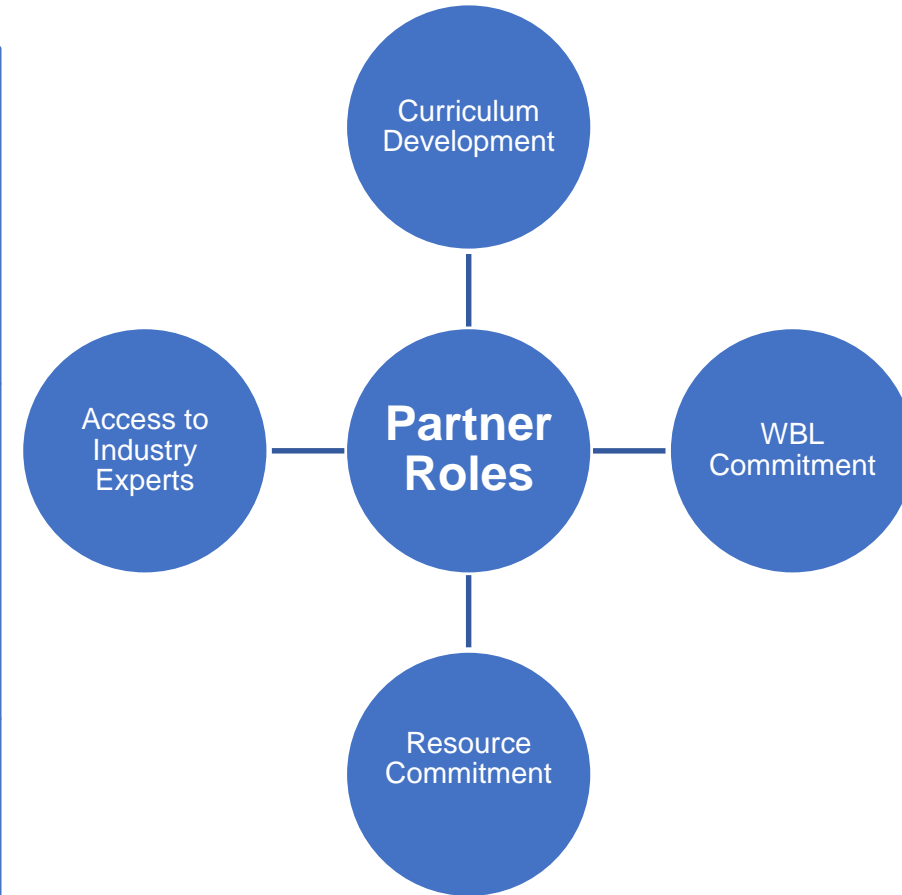
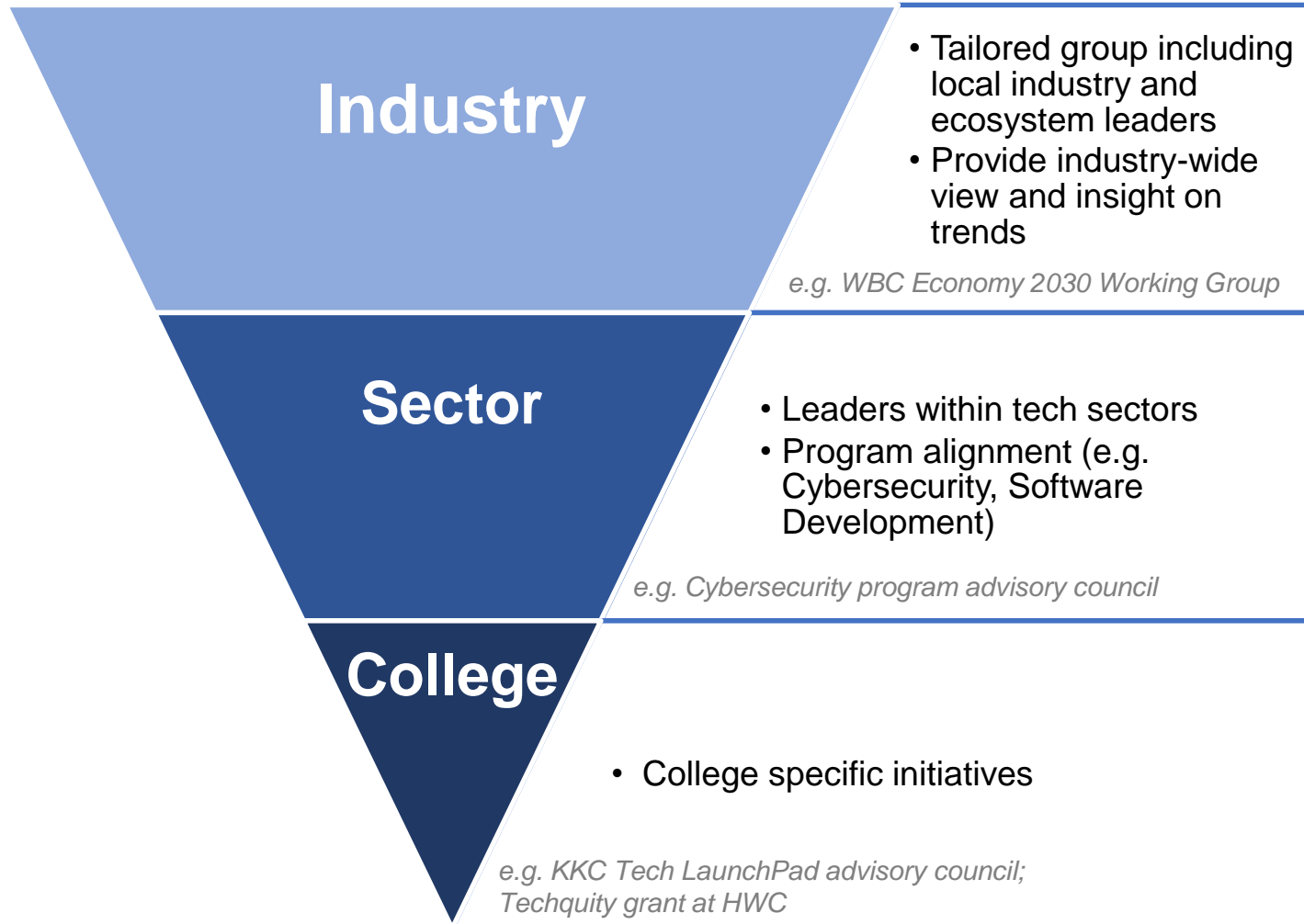
Relevant



Scalable

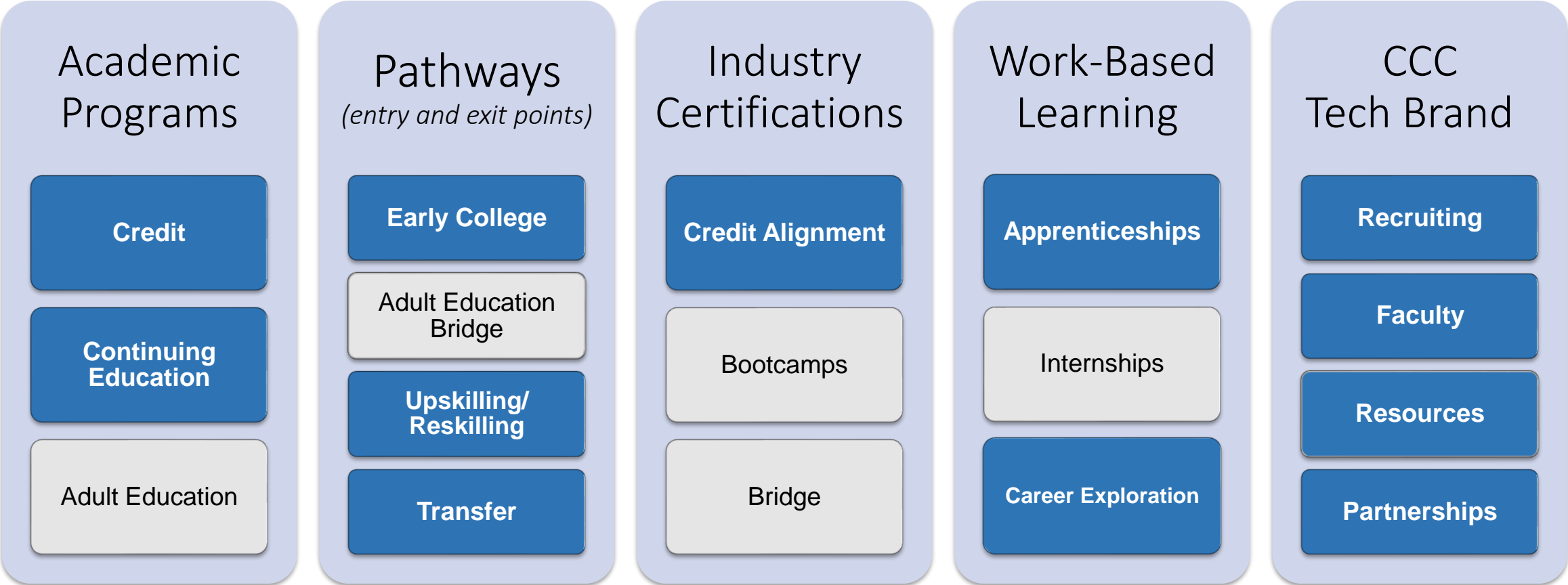


Advisory Councils



Building blocks for the most inclusive and competitive tech talent pipeline

Labor Market Data & Industry Engagement



Immediate priorities

Our Academic Programs will align and evolve with Chicago's tech economy

Current State

Credit

- Cybersecurity
- Web Development
- Networking Technologies
- Software Development Fall 2021

Apprenticeships

- 190 IT apprentices at 6 companies since 2017

Non-credit

- 415 students completed technology training in cloud computing, cybersecurity and coding since 2018

Initiatives

- Tech LaunchPad – KKC – **SDI Presence**
- TechQuity – HWC– **BoA + Catalyte**
- InnovationOne - Truman - **Apple**

Future State

Multiple pathways into relevant programming, including additions of:

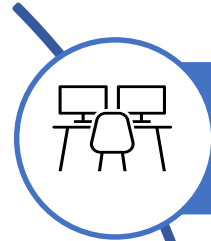
- Data Science
- Cloud Computing
- Tech innovations in non-IT industries, in partnership with Centers of Excellence
 - e.g. Automation, mechatronics, robotics, artificial intelligence, Internet of Things (IoT)
- Further certification opportunities in CE

All directly informed and supported by industry partnerships

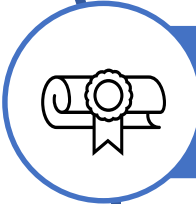
Questions?

VISION

CCC serves as an economic engine for the City of Chicago's Tech Industry



CCC is a clear choice for students looking to directly participate in the tech economy



CCC grads are known and recruited as Top Talent



CCC faculty is equipped to build and maintain industry-leading academic programs



Partnering with CCC is integral to inclusive industry growth