

AI and STEM Career Pathways Initiative



The Need

Las Vegas is a major metropolitan city, yet underserved **populations lack access to technology and AI literacy**. In West Las Vegas and the Historic Westside—where UCCDC is located—residents face disproportionately high barriers:



Demographics:

Nearly **90%** of residents are people of color; **51.5%** identify as Black and **35.3%** as Hispanic.



Absenteeism:

58.4% of Clark County School District (CCSD) students are chronically absent.



Economic Disadvantage:

60.8% of CCSD students are economically disadvantaged.



Low Proficiency:

Fewer than **20%** of students are proficient in math and only **44%** in reading.



Graduation Gap:

While CCSD's overall graduation rate is **81%**, it drops to **69%** for African American students and **80%** for Hispanic students.

Learn more at: <https://uccdc.institute/>

The Solution (10-Hour AI Career Readiness Course)

The Urban Chamber Community Development Corporation (UCCDC) has launched an Online Training Institute to **provide Microsoft AI Certification courses, STEM pathways, and Fill Workforce Gaps for Local employers.**

Initial Certifications include:

- **Course #1: AI Career Readiness for Teens**
- **Course #2: AI Career Readiness for Adults**

The 4 Modules include training in:

Microsoft Word, PowerPoint, Excel, Outlook, and Teams.

Each course concludes with a Capstone Project and awards a "Certificate of Completion".

Course Features:

- **Online, In-Person, or Hybrid Delivery of Course**
- **Pre-Test and Post-Test for each Module**
- **10-Hour Certificate of Completion**
- **30-Minute "Career Coaching Session" upon completion of course**
- **Leader's/Facilitator's Guide**
- **Participant's Guide with Digital Workbook**

Initial Goal

A minimum of 5 Cohorts of 20 students will complete the AI Career Readiness for Teens course by the end of 2025.

Long-Term Goal

- Offer courses to all Nevada students in underserved communities
- Build a workforce pipeline to companies facing skilled labor shortages

Outcomes & Impact

- **75%** of students find Internships after completing the AI Career Readiness course.
- **50%** of students gain Part-Time or Full-Time Jobs within one year.
- **30%** pursue Higher-level AI/STEM Certifications.

Other Key Benefits

- Reduced fear of AI and Technology
- Greater confidence in Digital Tools
- Increase knowledge of AI and Computing Career Readiness Pathways