LEAP Advanced ICT Framework
Framework resembles “Highway” with “on” and “off” ramps and flexible multiple Pathways

**CYBERSECURITY**

High School / CTE:
- Cyber Security
- CISCO Networking

Certificates
- TMCC Skills certificate
- CSN Certificate of Achievement
- Reno Tech Academy: Network+, Security+

A.A.S. (TMCC, WNC, CSN) → University B.S.

**ADVANCED AUTOMATION & ROBOTICS**

Cyberphysical Systems

High School / CTE:
- Animation
- Computer Science
- Digital Game Develop.
- Web Design & Develop.

WNC Siemens – Mechatronics credential
- Jobs Skills cert. L1
- Mechatronics cert. L2
- College cert. Mechatronics (1 year)

TMCC FESTO – Industry 4.0 credential
- Automation & Robotics A.A.S.
- Cyberphysical Manufacturing B.A.S
- Technology Mechatronics emphasis (2 years)
- Siemens L3 (under development)

Festo → Siemens → University B.S.

**MACHINE LEARNING**

Certificates & Courses
- Intro to Analytics & Analytical Programming (TMCC)
- Data Visualization (TMCC)
- Internet of Things (Reno Tech Academy)

NCRC → Community College A.S. → University B.S.

NCRC

**DIGITAL READINESS SKILLS OBTAINED**

High School / CTE:
- Animation
- Computer Science
- Digital Game Develop.
- Web Design & Develop.

Starting in K – 8 outreach effort to recruit for Cyberphysical System and ML careers

NCRC

NCRC

Digital Readiness Skills Obtained

Nevada Governor’s Office of Economic Development

Karsten Heise
Director | Strategic Programs
kheise@diversifynevada.com