

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

- Examples:
- TMCC Skills certificate,
 - CBS Summer Bridge program

A.A.S. (TMCC)

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

TMCC A.A.S. / B.A.S.

- Industry 4.0

Festo

WNC A.A.S. / B.A.S.

- Technology Mechatronics emphasis (2 years)
- Siemens L3 (under development)

Siemens

University B.S.

MACHINE LEARNING

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

NCRC

Certificates

Community College A.S.

University B.S.

DIGITAL READINESS SKILLS OBTAINED

Nevada Governor's Office of

ECONOMIC DEVELOPMENT

Technology Commercialization

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