




# LEAP Manufacturing Framework (Northern Cluster)

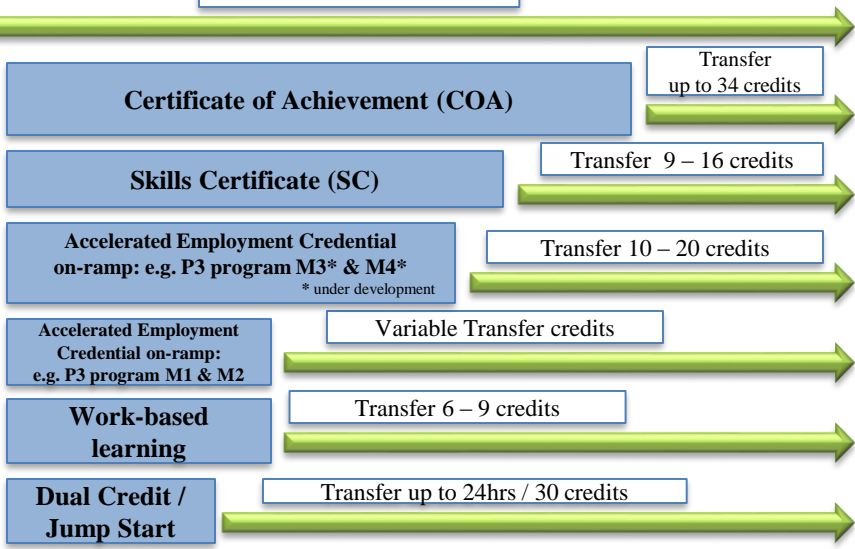
Framework resembles “Highway” with “on”  and “off”  ramps and flexible multiple  Pathways

K – 8+ outreach effort

MSi MT 1	OSHA Safety	NIMS	Siemens Mechatronics	AWS	MSSC Production Technician
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Transfer 12 – 15 credits

- High School / CTE**
- Metalworking
  - Welding Technologies
  - Associated Certificates
  - Manufacturing Technologies Program
- All Programs starting in 9th grade
- NCRC

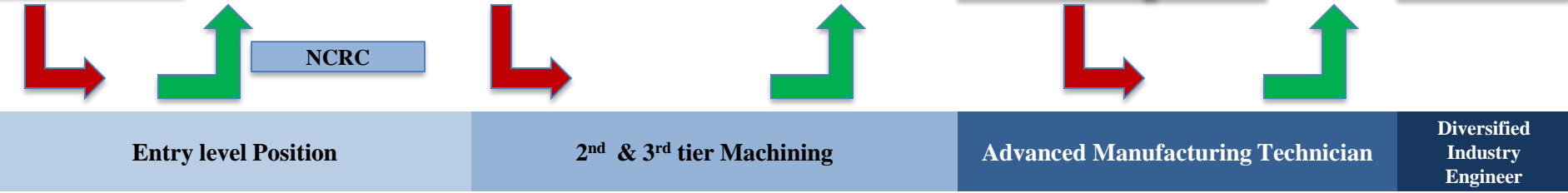


**2-Years at TMCC / WNC for A.A.S. Advanced Manufacturing**

OSHA Safety
MSi MT 1
MSSC Production Technician
NIMS
AWS
Siemens Mechatronics

“2 +3”

**3-Years at UNR for B.S. Mechanical Engineering**



ADVANCED MANUFACTURING SKILLS OBTAINED

Endorsed & Supported by: