## LEAP Manufacturing Framework (Southern Cluster) Framework resembles "Highway" with "on" 1 and "off" ramps and flexible multiple K-8+ outreach effort NCCER MSi **High School NCRC** MT 1 Core /CTE Metalworking Dual enrollment credits Drafting & "2 **NCCER** 2-Years at Design +2" Electrical Electronic Nevada State Level 1 Technology 2-Years College Manufacturing Transfer of **NCCER Certificate of Achievement (COA)** for B.A.S. Technology at 31.5 credits Plumbing Mechanical **CSN** Management Work-based learning / MSi MT1 Level 1 Technology (COA embedded) Internships (COA embedded) Welding for A.A.S. **NCCER** Technology HVAC Aerospace Transfer of Engineering Level 1 **Manufacturing** 31.5 credits Electrical "2 **In-House Apprenticeship Associate** +3" Engineering 3-Years at Mechanical **UNLV** for Engineering under development **Facilities** Associated B.S. Transfer up 15 credits Certificates Maintenance (Engineering) **CSN Entry level** starting in 9th under training development grade NCRC **NCRC** DETR outreach effort Diversified **Entry level Position** 2<sup>nd</sup> & 3<sup>rd</sup> tier Machining Technician level **Industry Engineer** / Management

MANUFACTURING SKILLS OBTAINED

Nevada Governor's Office of

**ECONOMIC DEVELOPMENT** 

**Technology Commercialization** 

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