LEAP Life Sciences Framework (Northern Cluster)

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

UNR – direct entry (4-5 Years for B.S.)
- Biology
- Chemistry
- Microbiology
- Neuro Science
- UNR Med School (BS-MD)
- Ag Science
- Bio Technology
- Community Health Science
- Environmental Science
- Nutrition Science
- Veterinary Science

2-Year at TMCC for A.S. transfer degree
- Biology
- Chemistry
- Microbiology
- Neuro Science
- Community Health Sciences

Add 1 Year at TMCC for A.S.
- Biology
- Chemistry
- Community Health Sciences

60 credits

2-3 Years at UNR for B.S.
- Biology
- Chemistry
- Microbiology
- Neuro Science
- Agricultural Science
- Community Health Science
- Biotechnology
- Environmental Science
- Nutrition Science
- Veterinary Science

3-Years at UNR for B.S.
- Veterinary Science

High School CTE
- Health Sciences (Career Cluster)
  - Biomedical*
  - Emergency Medical Tech*
  - Nursing Assistant*
  - Sports Medicine*
  - Medical Assisting

- Agriculture, Food & Natural Resources (Career Cluster)
  - Food Sciences Tech*
  - Veterinary Science*
  - Animal Sciences*
  - Natural Resources & Wildlife Management*

- NCRC

K-8 outreach effort “Scholars” Program

M.S. / Ph.D. at UNR Med School

TMCC
- Truckee Meadows Community College
- 9 – 12 CTE College articulated credits

Other programs highly relevant to Northern Industry Cluster

LIFE SCIENCES SKILLS OBTAINED

Work Based Learning

Apprenticeships

Internships

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Director | Strategic Programs
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Nevada Governor’s Office of ECONOMIC DEVELOPMENT
LEAP Life Sciences Framework (Northern Cluster)

In the 21st Century need to view job titles as an agglomeration of skills

<table>
<thead>
<tr>
<th>LIFE SCIENCES SKILLS</th>
<th>OBTAINED</th>
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</thead>
<tbody>
<tr>
<td>Animal Care Assistant (CRL)</td>
<td>Technical Operation Team Leader (CRL)</td>
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<tr>
<td>Animal Care Technician I,II,III (CRL)</td>
<td>Research Technician I,II,III (CRL)</td>
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<tr>
<td>Research Technician Assistant (CRL)</td>
<td>Technical Trainer I,II (CRL)</td>
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<tr>
<td>Research Technician I (CRL)</td>
<td>Necropsy Technician I (CRL)</td>
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<tr>
<td>Necropsy Technician I (CRL)</td>
<td>Histology Technician I (CRL)</td>
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<tr>
<td>Histology Technician I (CRL)</td>
<td>Lab Assistant I (CRL)</td>
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<tr>
<td>Lab Assistant I,II (CRL)</td>
<td>Clinical Pathology Coordinator (CRL)</td>
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<tr>
<td>Clinical Pathology Assistant (CRL)</td>
<td>Clinical Pathology Technician III (CRL)</td>
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<tr>
<td>Clinical Pathology Technician I,II (CRL)</td>
<td>Report Writer (CRL)</td>
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<tr>
<td>Clinical Path. Coordinator (CRL)</td>
<td>Patient Navigator</td>
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<tr>
<td>Site Clerk (CRL)</td>
<td>Paramedic</td>
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<tr>
<td>LAM Support Technician (CRL)</td>
<td>Nurse</td>
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<tr>
<td>LAM Technician I,II (CRL)</td>
<td>Pharmacy Technician</td>
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<td>Cage Sanitation Technician (CRL)</td>
<td>Athletic Trainer</td>
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<tr>
<td>Sample Management Technician I (CRL)</td>
<td>Kinesiotherapist</td>
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<tr>
<td>QC Inspector I, II</td>
<td>Medical Assistant</td>
</tr>
<tr>
<td>Emergency Medical Technician</td>
<td>Animal Care Technician II, III (CRL)</td>
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<tr>
<td>Community Health Worker</td>
<td>Research Technician I (CRL)</td>
</tr>
<tr>
<td>Certified Nursing Assistant</td>
<td>Research Technician I (CRL)</td>
</tr>
</tbody>
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