

Bridging Pathways:

ALIGNING EDUCATION FOR WORKFORCE SUCCESS

Jenn Gibson

Career Services Manager; MTECH

Stefanie Adams

Director-Regional Pathways; UVU



AGENDA

- Welcome
- Utah Pathways: A Brief Overview
- Technical Training and Degrees
- Educational Alignment to Workforce Needs
- Real Pathways to Workforce Success
- Student Success Stories
- Q and A
- Resource Sheet



SLIDO

How long have you worked in education?



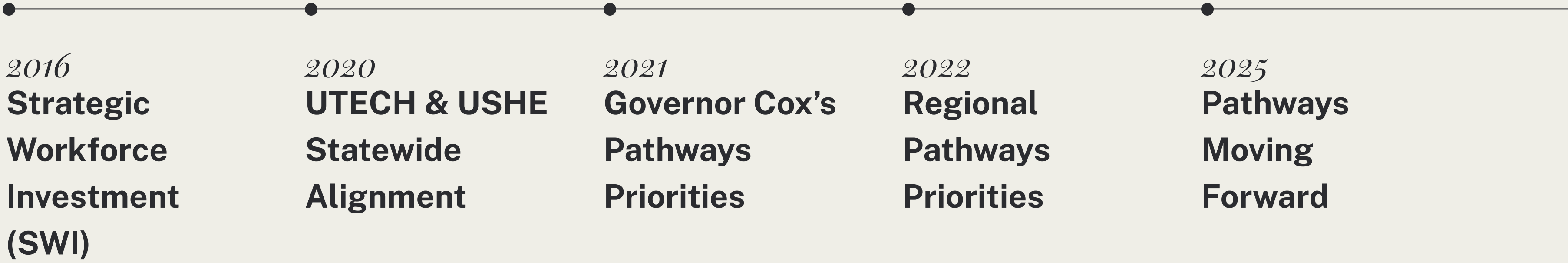
Join at [slido.com #3385160](https://slido.com/join/3385160)





How long have you worked in education?

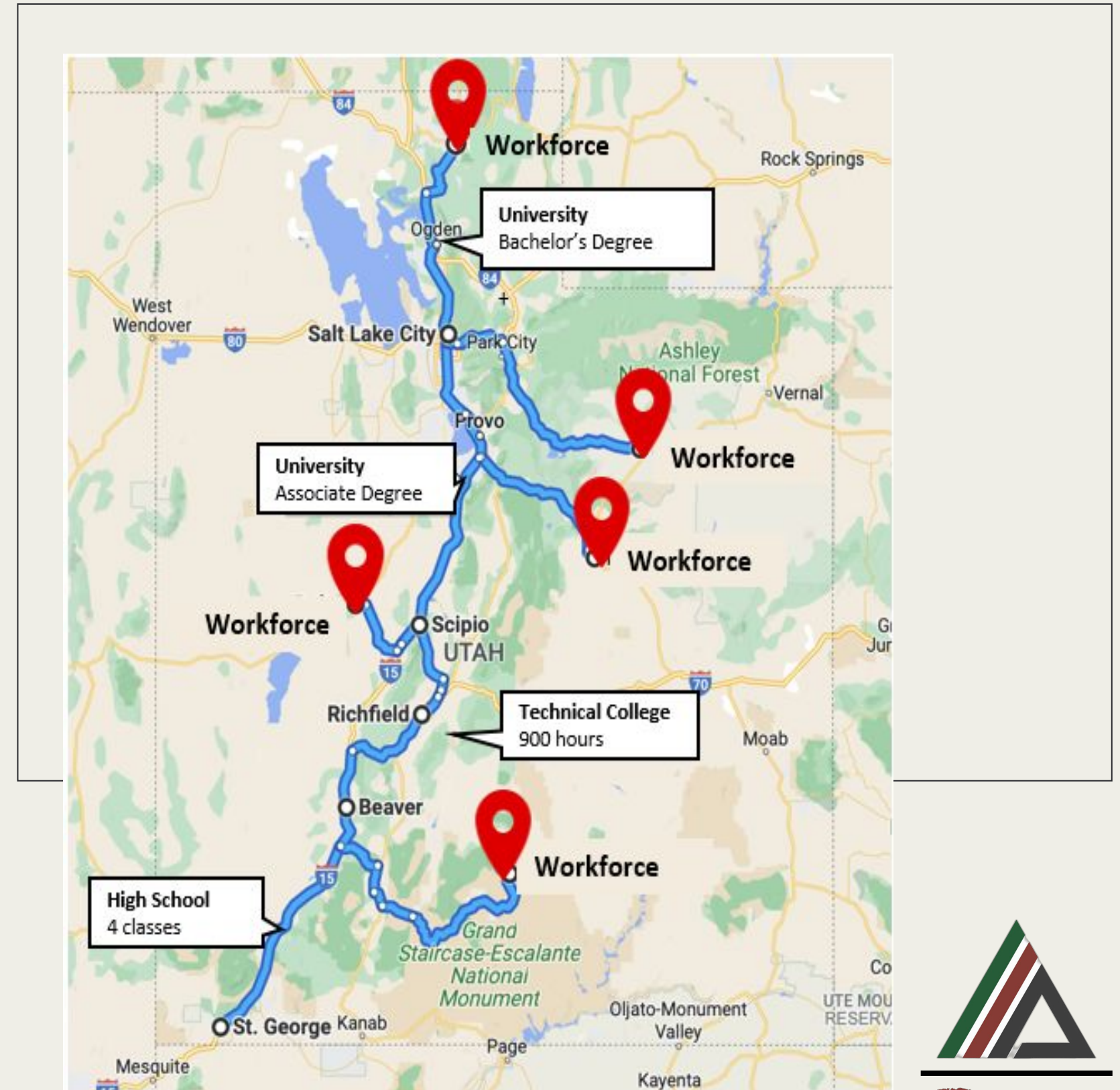
UTAH PATHWAYS: A BRIEF OVERVIEW



UTAH PATHWAYS

Utah's Vision for Pathways:

- On Ramps & Off Ramps
- Various Routes
- Easy to Navigate
- Remove Barriers and Roadblocks
- Align to Industry Needs
- Provide WBL Opportunities
- Wide Open Road



“The more hurdles' students have to jump, the less likely they will even try. Create pathways, not obstacles!”



UNDERSTANDING THE PATH: TECHNICAL TRAINING or DEGREE

| Technical Training Programs | Degree Programs |
|---|---|
| Job-specific skills (e.g., CNC machining) | Broader academic foundation (e.g., critical thinking) |
| 6–18 months completion | 2–4 years completion |
| Lower cost (>\$1k–2k–5k) | Higher cost (\$10k–\$30k) |
| Immediate entry to workforce | Long-term career advancement |

"Neither pathway is ‘better’ — they serve different goals. Let’s bridge them."



PATHWAY OPTIONS: STACK CREDITS

Remember:

COLLEGE

124

or more

MORE

Graduate and professional degrees

FOUR-YEAR

Bachelor's degrees

TWO-YEAR

Associate or technical degrees

ONE-YEAR

Certificate programs

UTAH STATE OFFICE OF EDUCATION

200 E 600 S

PO Box 140000

SALT LAKE CITY 84114-0000

1

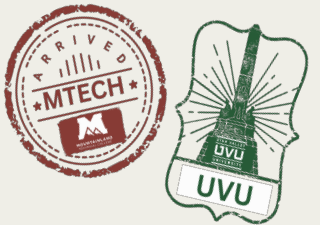


MOUNTAINLAND
TECHNICAL COLLEGE

2

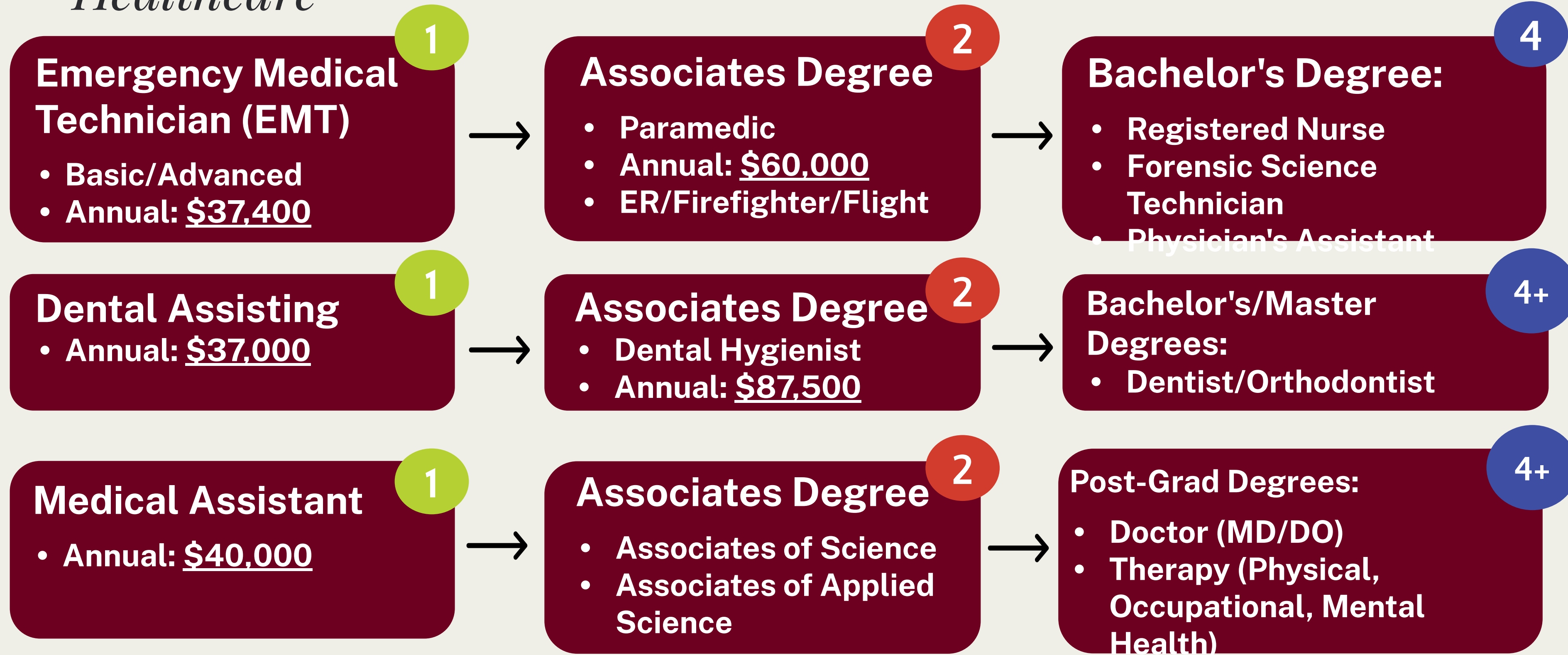


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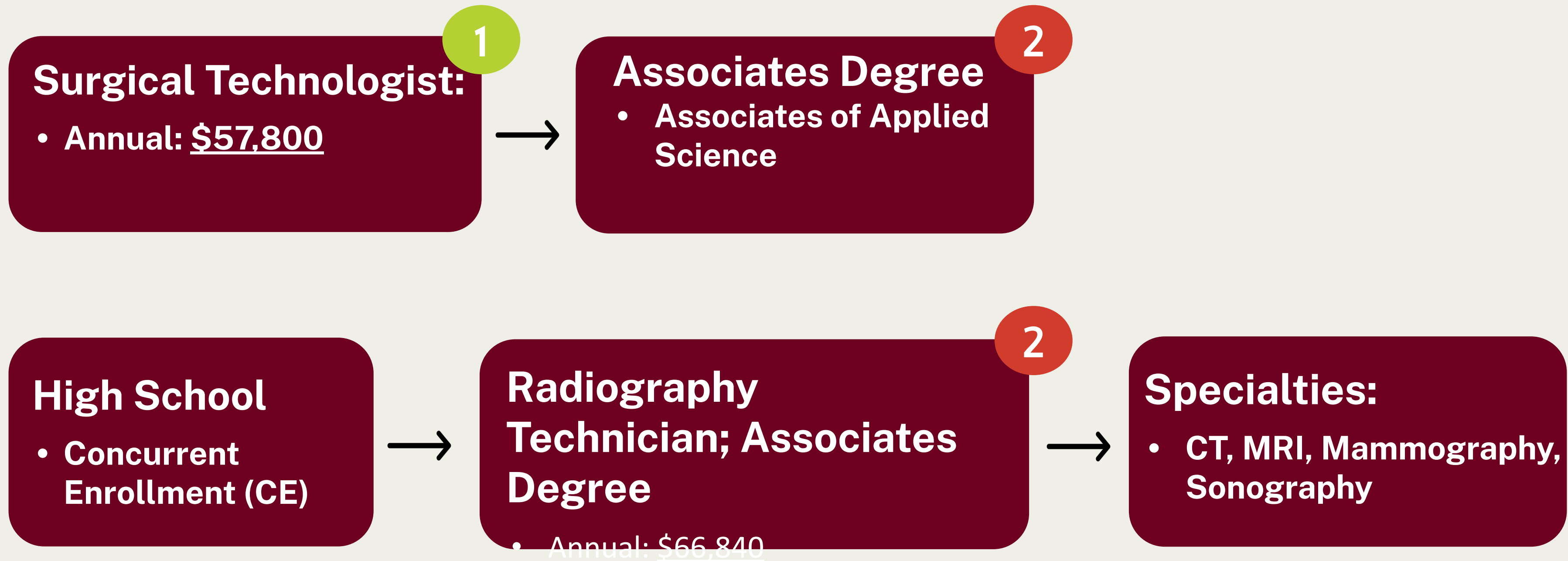
HOW EDUCATION AND INDUSTRY MEET:

Healthcare



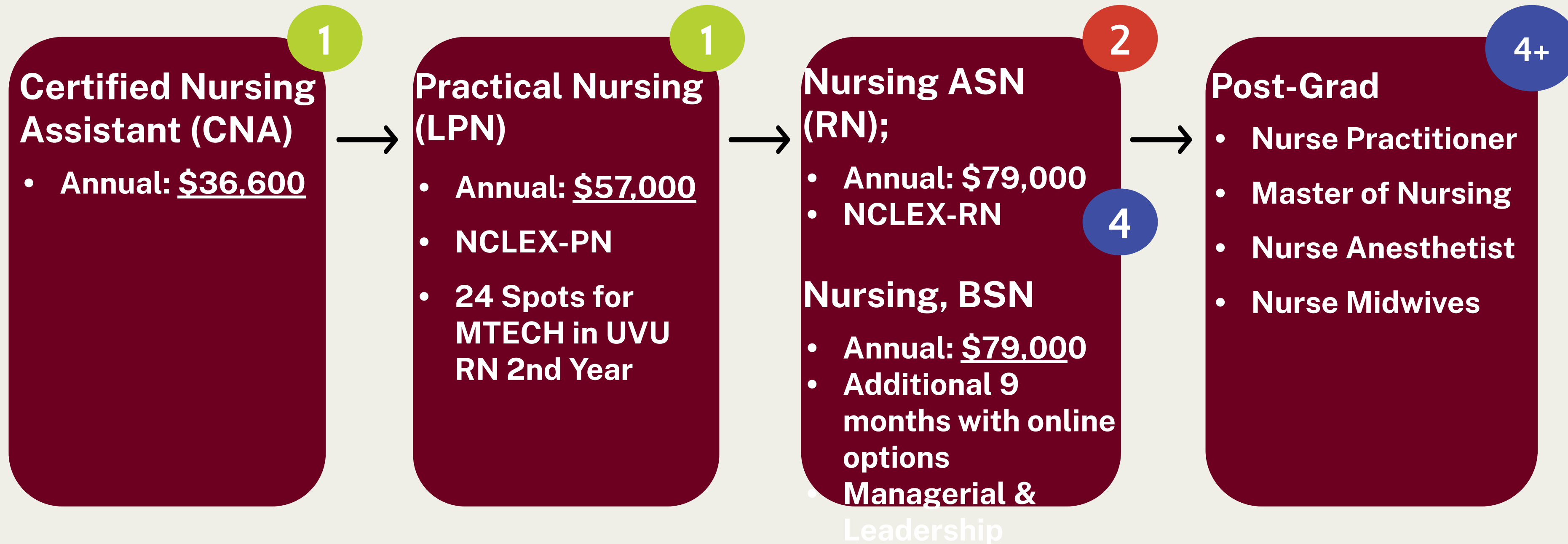
HOW EDUCATION AND INDUSTRY MEET:

Healthcare: Post High School



HOW EDUCATION AND INDUSTRY MEET:

Healthcare: Nursing



HOW EDUCATION AND INDUSTRY MEET:

Technology

Data Analytics Certificate

1

- Annual: \$55,000
- Data Scientist Areas: Finance, Marketing, Healthcare, etc.



Associates/ Bachelor's Degree:

2

4

- Computer Science
- Business Analyst
- Annual: \$97,650



Post-Grad Degrees:

4+

- Computer/Data Science
- Machine Learning Engineer

Digital Design

1

- Annual: \$53,560
- Graphic Designer, Illustrator, Digital Artist, motion Graphics, UX Designer



Associates/ Bachelor's Degree

2

4

- Annual: \$53,560



Post-Grad Degrees:

4+

- Computer/Data Science
- Machine Learning Engineer

iOS Development

1

- Annual: Coming Fall 2025
- Junior iOS Developer
- Swift Developer



Associates/ Bachelor's Degree

2

4

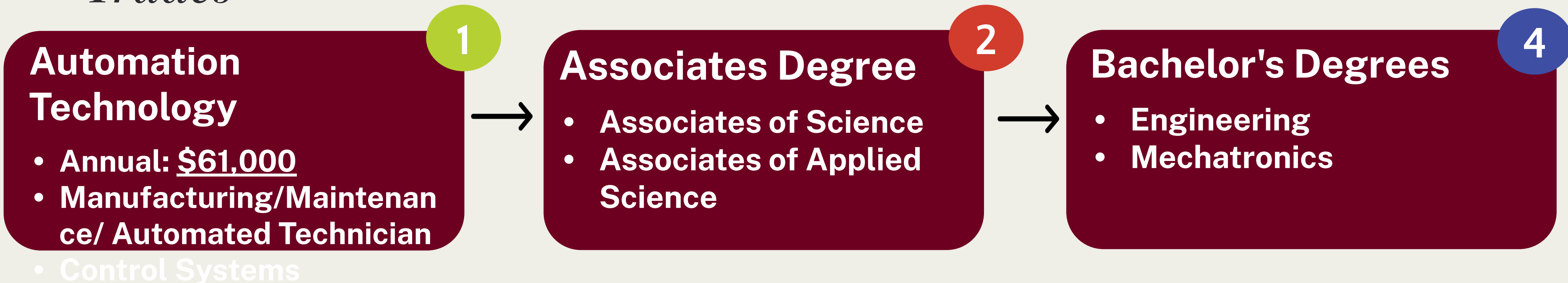
- Annual: \$87,500

HOW EDUCATION AND INDUSTRY MEET:

Technology

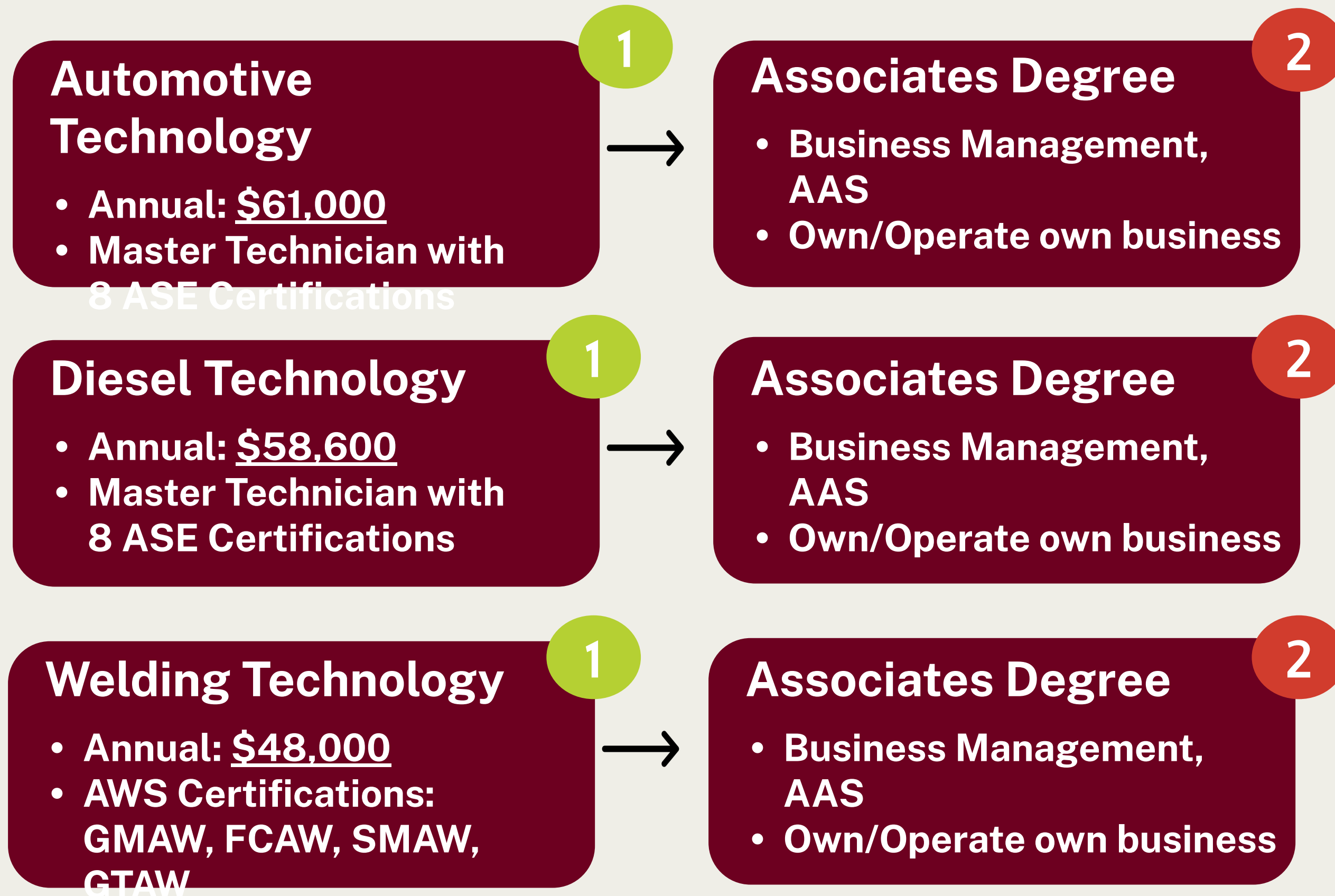


Trades



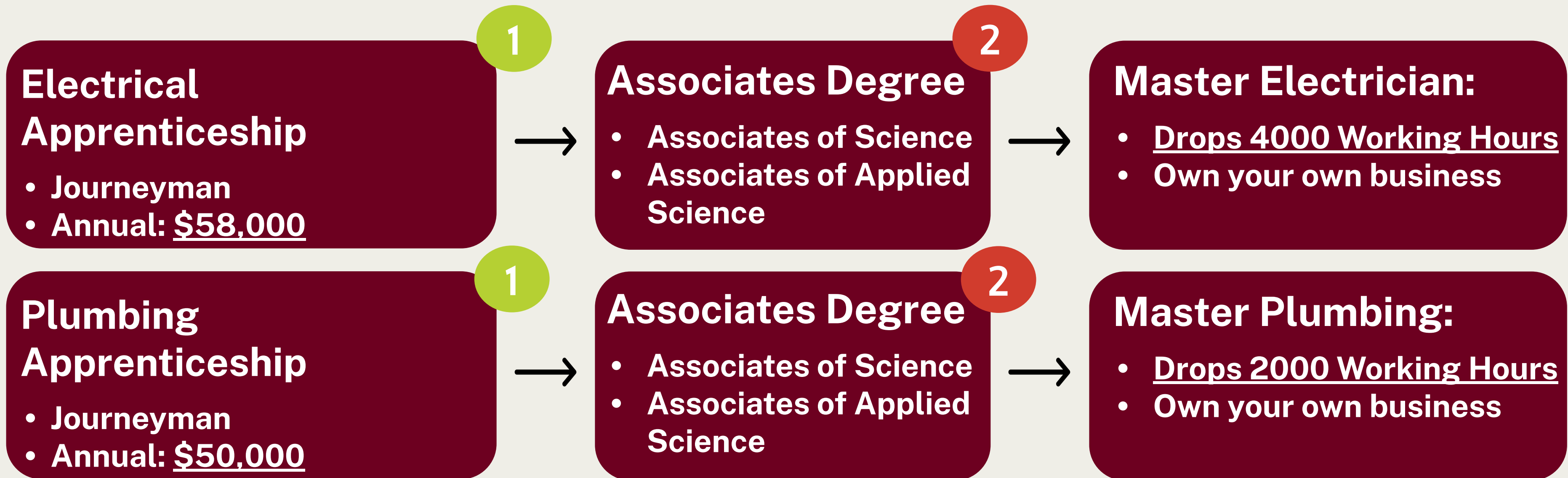
HOW EDUCATION AND INDUSTRY MEET:

Trades



HOW EDUCATION AND INDUSTRY MEET:

Apprenticeships



REAL-WORLD STUDENT PATHWAYS



Pharmacy Technician **Allie Baldwin**

Allie attended Mountainland Technical College during her senior year, where she began her journey as a pharmacy technician. Post high school, she gained valuable experience at Huntsman's, received half off of her tuition as she worked towards her degree from the University of Utah. Allie thrives in the oncology clinic environment, where her compassion and expertise make a meaningful difference in patient



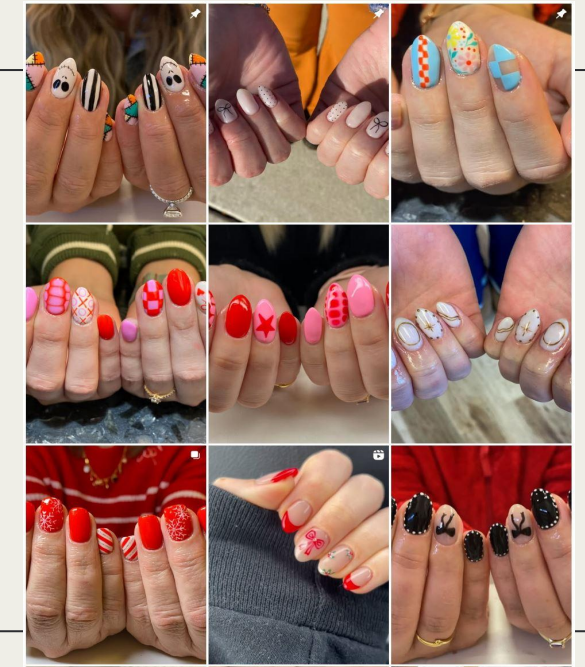
Automation Technology **Alejandro Lopez-Arriaga**

Alejandro started at MTECH as an adult, completing the Automated Technology program. Afterwards, he earned his AS in Engineering Technology. Known for his dependability, he is now working toward his BS in Mechatronics at UVU, continually expanding his skills.



Nurse Assistant (CNA) **Jane Sorensen**

Jane began her healthcare journey at MTECH, earning her CNA while in high school. She went on to complete her nursing degree and now works as an RN at Huntsman, providing compassionate care to patients.



Nail Technician **Hailey Diamond**

Hailey is a skilled nail technician. She earned her Associate of Science degree but soon realized she was searching for something different. Pursuing her passion, she attended Mountainland Technical College for Nail Technology and now works full-time in Nephi. Dedicated to her craft, Hailey is loving the path she chose, providing top-quality service so much, that she is no

REAL-WORLD STUDENT PATHWAYS



Emergency Medical Technician **Abby Walz**

My name is Abby, and this is my journey to becoming a full-time Paramedic/Firefighter. In high school, I discovered my passion for emergency medicine when I took an EMR (Emergency Medical Responder) class during my sophomore year at Lone Peak High School. I loved it so much that I took the class again in junior year and decided to pursue a career in this field.

During my senior year at MTECH, I enrolled in an EMT (Emergency Medical Technician) course. Alongside this, I secured an internship with Mapleton Fire Department through an internship class. Unfortunately, just before I turned 18 and was eligible to take my National EMT test, I suffered a severe arm break that required a year of recovery. This setback delayed my plans, and by the time I was ready to resume, my eligibility to take the test had expired.

Determined to pursue my passion, I enrolled in an EMT course at UVU later that year. Thanks to my previous training at MTECH, it was more of a review, and I successfully passed my National EMT test on my first attempt. I then began volunteering at Mapleton Fire Department, where I gained valuable experience.

Building on my foundation as an EMT, I earned certifications as an Advanced EMT (AEMT) and in Firefighting and Hazmat. I was eventually hired full-time at Saratoga Springs Fire & Rescue and part-time at Lone Peak Fire Department. After gaining several years of experience, I decided to further my education by attending Paramedic school at UVU.

Reflecting on the past decade, I am grateful for the opportunities that have shaped my career. I take pride in being a dedicated member of Saratoga Springs Fire Department and look forward to advancing further in my career.

BRIDGING PATHWAYS TOGETHER

- Every Student's Journey Is Unique
- Begin With The End In Mind
- Set Up Students for Lifelong Learning
- Remember “It takes a Village”
- Connect and Collaborate
- Use Your Resources



Q & A



HIGH SCHOOL



**USBE CTE
CAREER PATHWAYS**
[Career Pathways in Utah](#)



**UVU CONCURRENT
ENROLLMENT**
[Concurrent Enrollment |
Utah Valley University](#)



MTECH HS PROGRAMS
[K-12 Transfer Credit
Opportunities - MTECH](#)

ONE



MTECH PROGRAMS
[Programs & Courses-MTECH](#)



**UVU CERTIFICATE
PROGRAMS**
[Find Your Program | Utah
Valley University
Academic Catalog](#)



**TRANSFER INFORMATION
(Articulations)**
[MTECH Transfer Credit
Opportunities](#)

[UVU Tech College
Transfers](#)

TWO



UVU ASSOCIATE DEGREES
[Find Your Program | Utah
Valley University Academic
Catalog](#)

FOUR



UVU BACHELOR DEGREES
[Find Your Program | Utah
Valley University Academic
Catalog](#)

RESOURCES



MOUNTAINLAND CTE
[Home Page |
Mountainland CTE](#)



UVU PATHWAYS
[Pathways | Utah Valley
University](#)



CAREER ONESTOP
[Explore Careers |
CareerOneStop](#)



SNOW TECHCONNECT
[TechConnect: Your Tech
Certificates Transfer to Snow
for a Degree](#)



WEBER TECH TRANSFER
[TechTransfer](#)

K16 Counselor Conference
Resource Folder



Thank you!

Jenn Gibson

Jenn.Gibson@mtec.edu

Stefanie Adams

StefanieA@uvu.edu





UTAH MOUNTAINLAND REGION: Nursing Pathway

CURRENT
SECONDARY
HEALTH SCIENCE
PROGRAMS
AVAILABLE

SECONDARY

CTE Pathway: Health Science

****3 HS CTE credits required to complete CTE Pathway for HS graduation recognition.**

| Health Science | | |
|--------------------------------|------|--------|
| 1 Explorer Course Required | | Grades |
| Health Science, Intro. | .50 | 10-12 |
| Human Development * | 1.00 | 11-12 |
| Medical Anatomy | 1.00 | 10-12 |
| Medical Terminology* | .50 | 10-12 |
| 1 Concentrator Course Required | | |
| Nurse Asst. (MTECH) | 1.00 | 11-12 |

Certifications/Degrees Earned

- NOTE: HS students can start a medical assisting program concurrently through MTECH while in HS. See MTECH for more information.

1

MTECH

Licensed Practical Nursing (LPN)



HEALTHCARE Practical Nursing

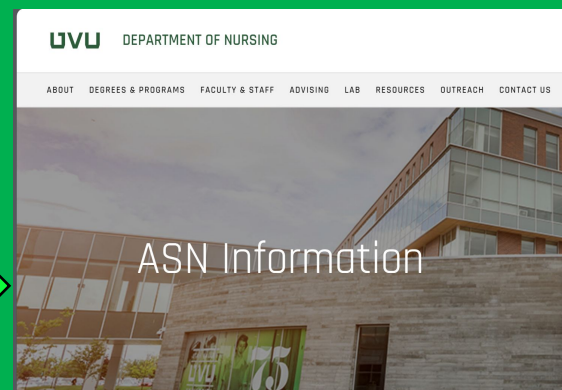
Certifications/Degrees Earned

- MTECH Program Cert. in Practical RN
- BLS and First Aid Certified
- NCLEX-PN Exam Ready
- 24 Student Spots for MTECH in UVU RN**
- NOTE: Completed 900 MTECH LPN program will transfer 22 credits in nursing coursework to UVU ASN.

2

UVU

Nursing, ASN



Certifications/Degrees Earned

- Nursing, ASN
- NCLEX-RN Exam Ready
- NOTE: Only 31 additional nursing credits needed to reach BSN degree completion post ASN.

4

UVU

Nursing, BSN



Certifications/Degrees Earned

- Nursing, BSN
- NOTE: Online options available for completing BSN.

ADVANCED CAREER POSSIBILITIES

- Nurse Anesthetist (RNA)
- Registered Nurse Practitioner (RNP)
- Nurse Midwives

\$60.00+/Hr.*

ASSOCIATIONS

NSNA
National Student Nurses Association

UTAH STUDENT NURSES ASSOCIATION - Home

UTAH STATE LICENSING BOARD

Nursing -
dopl.utah.gov

All Alpine,
Nebo,
North Summit,
Park City,
Provo,
South Summit,
and
Wasatch Secondary Schools



Job Possibilities:
Post-HS Graduation

Certified Nurse Assistant (CNA)

\$15.00/Hr.*

Job Possibilities:
Post-Tech Program

Licensed Practical Nurse (LPN)
or
Licensed Vocational Nurse (LVN)

\$24.00/Hr.*

Job Possibilities:
Post-ASN Program

Registered Nurse (RN)

\$34/Hr.*

Job Possibilities:
Post-BSN Program

Bachelors of Science in Nursing (BSN)

\$40/Hr.*

*Wage and Data Information can be found at: [O*NET OnLine \(onetonline.org\)](https://onetonline.org/)