

Bridging Pathways:

ALIGNING EDUCATION FOR WORKFORCE SUCCESS

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AGENDA

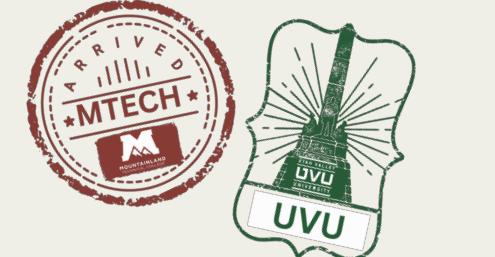
- Welcome
- Utah Pathways: A Brief Overview
- Technical Training and Degrees
- Educational Alignment to Workforce Needs
- Real Pathways to Workforce Success
- Student Success Stories
- Q and A
- Resource Sheet



How long have you worked in education?



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UTAH PATHWAYS: A BRIEF OVERVIEW

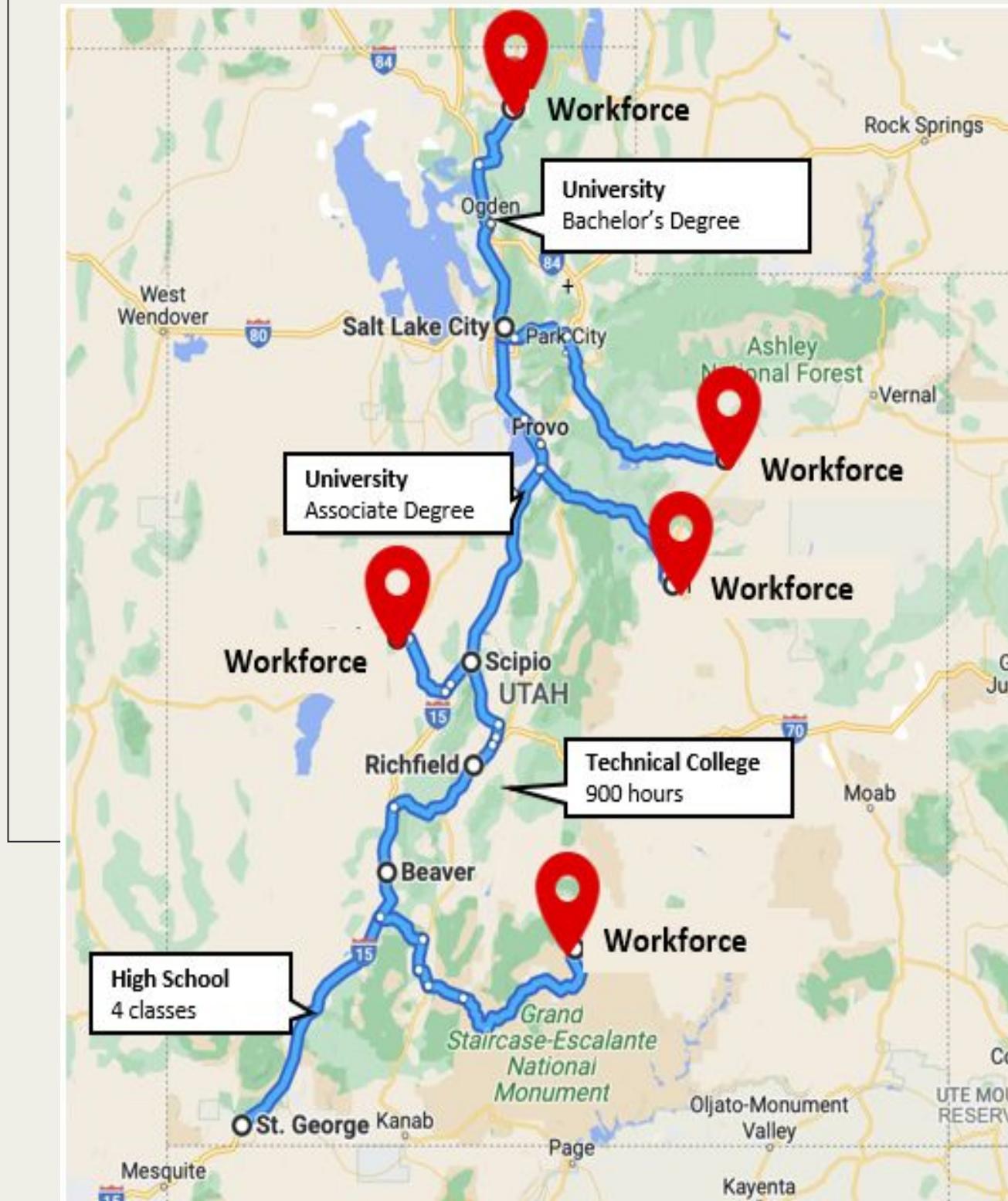
<i>2016</i> Strategic Workforce Investment (SWI)	<i>2020</i> UTECH & USHE Statewide Alignment	<i>2021</i> Governor Cox's Pathways Priorities	<i>2022</i> Regional Pathways Priorities	<i>2025</i> Pathways Moving Forward
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UTAH PATHWAYS

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!”

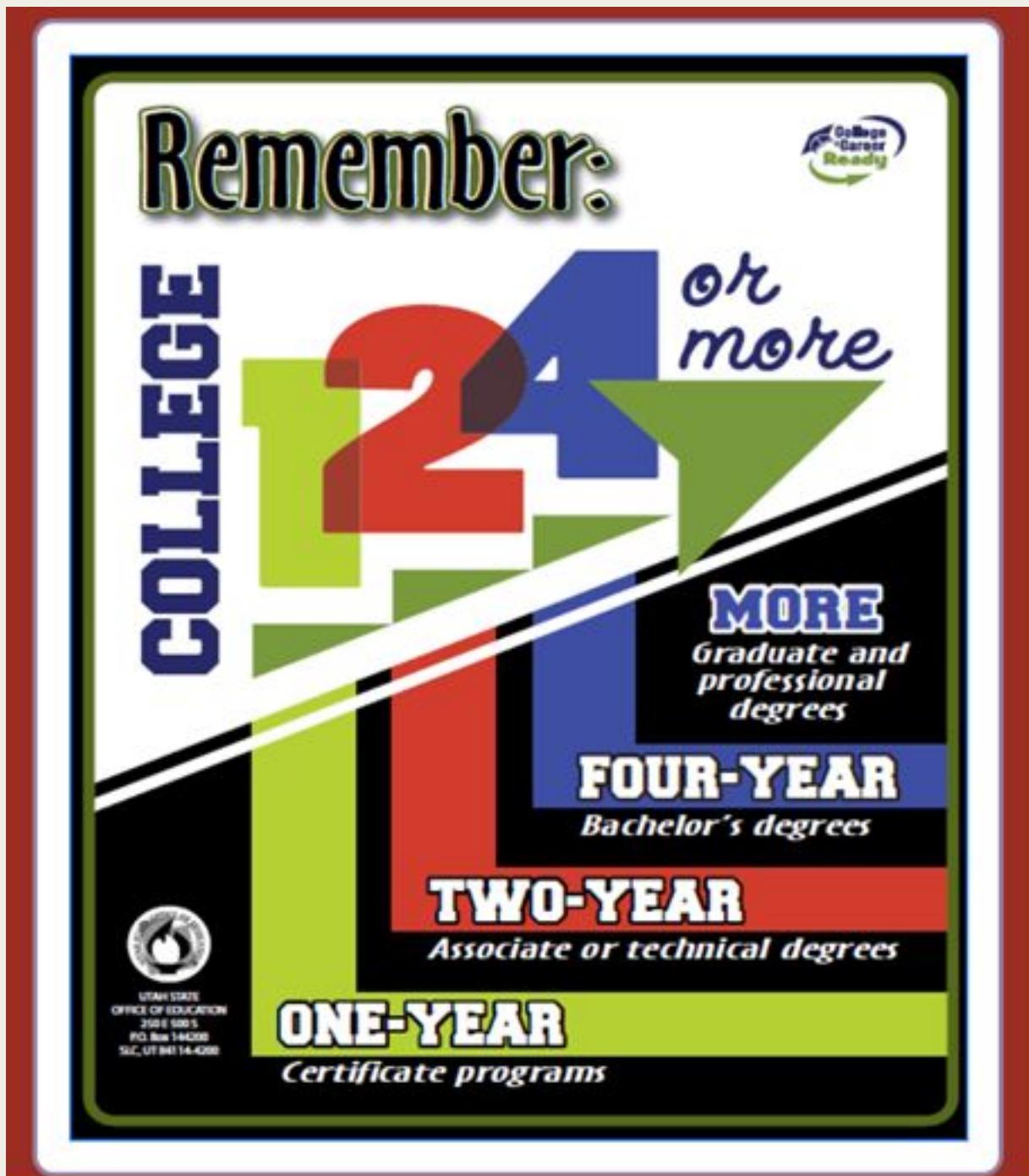
UNDERSTANDING THE PATH: TECHNICAL TRAINING or DEGREE

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."

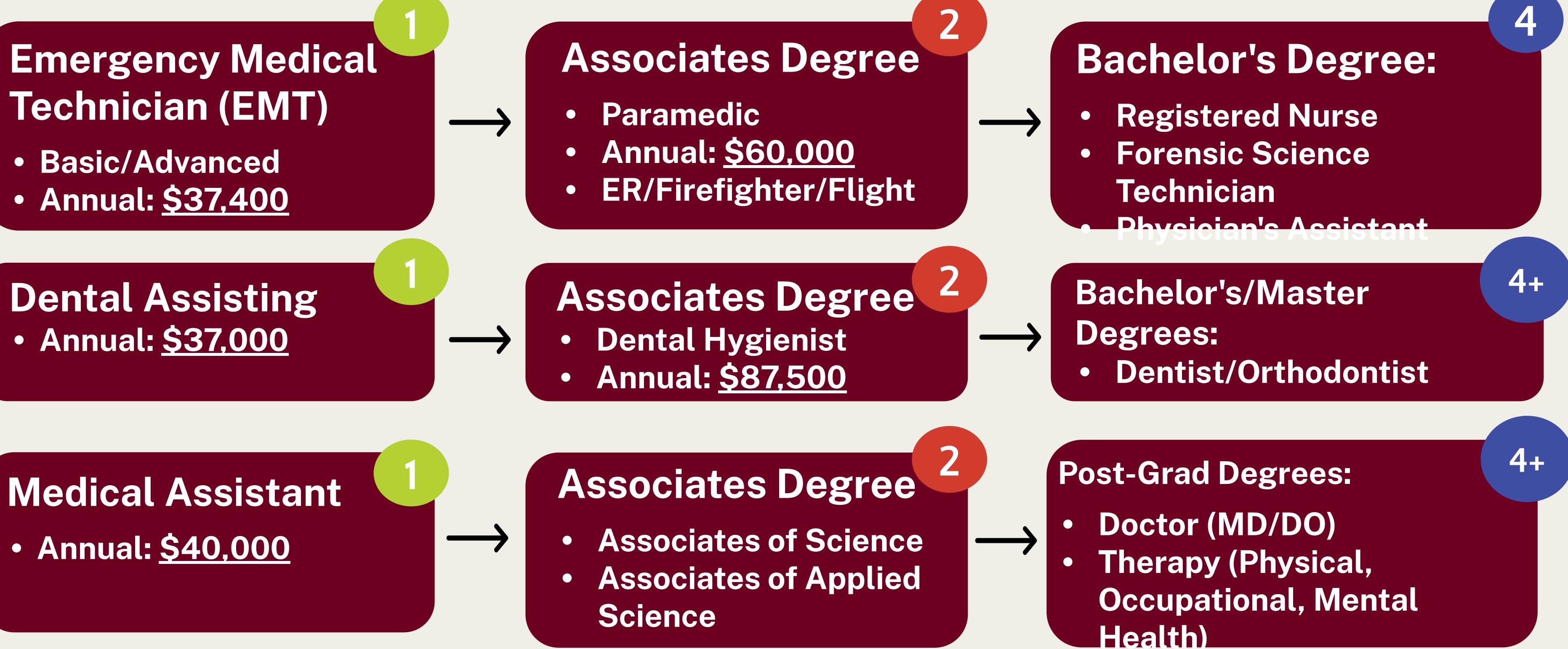


PATHWAY OPTIONS: STACK CREDITS



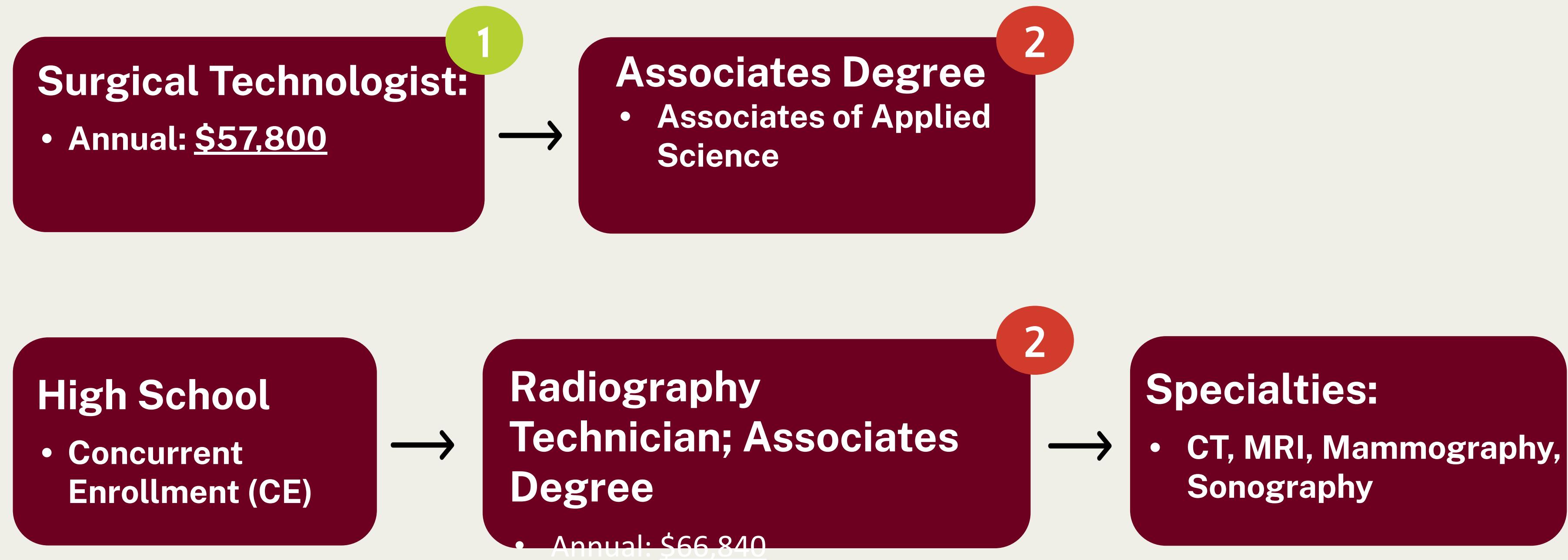
HOW EDUCATION AND INDUSTRY MEET:

Healthcare



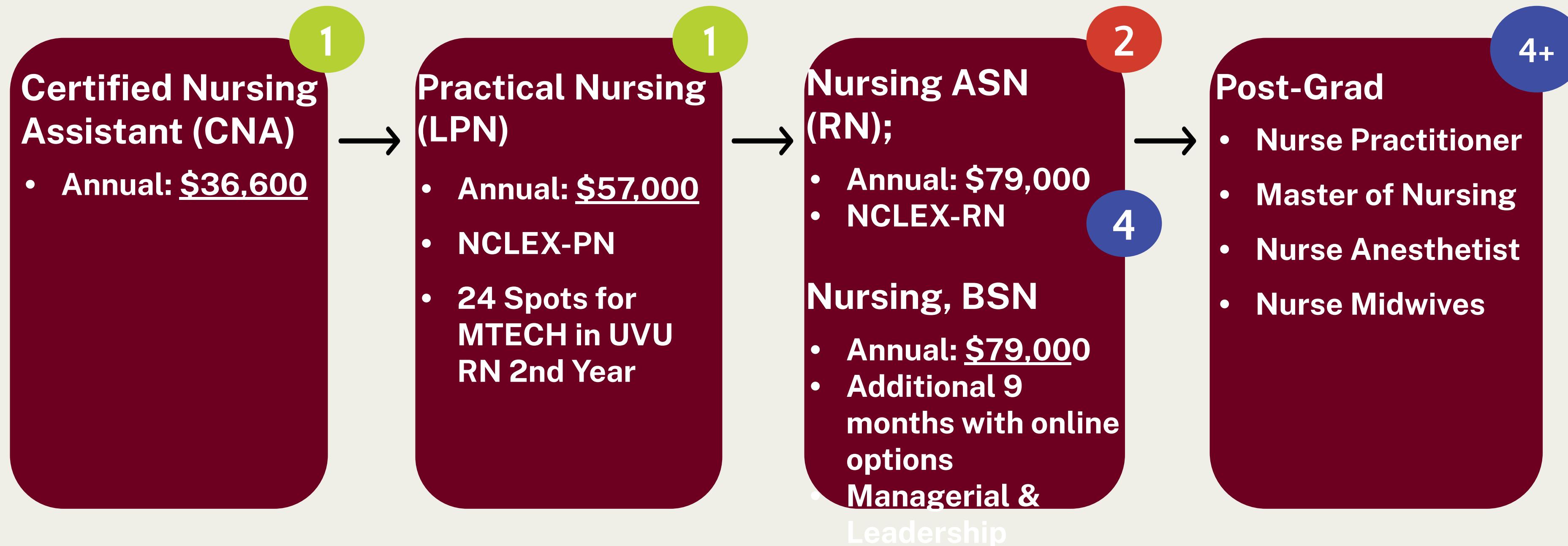
HOW EDUCATION AND INDUSTRY MEET:

Healthcare: Post High School



HOW EDUCATION AND INDUSTRY MEET:

Healthcare: Nursing



HOW EDUCATION AND INDUSTRY MEET:

Technology

Data Analytics Certificate

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

Healthcare, etc.

Digital Design

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

iOS Development

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

1



2

4

Associates/ Bachelor's Degree:

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

4+

Post-Grad Degrees:

- Computer/Data Science
- Machine Learning Engineer

1



2

4

Associates/ Bachelor's Degree

- Annual: \$53,560

4+

Post-Grad Degrees:

- Computer/Data Science
- Machine Learning Engineer

1



2

4

Associates/ Bachelor's Degree

- Annual: \$87,500

4+

HOW EDUCATION AND INDUSTRY MEET:

Technology

Networking & Cybersecurity

- **Annual: \$60,000**
- Network/Systems Specialist, IT Consultant, Network Support

1



Associates/ Bachelor's Degree

- Computer Systems & Software
- Cybersecurity
- Information Systems

2

4



Post-Grad Degrees:

- Cybersecurity
- Computer Science

4+

Trades

Automation Technology

- **Annual: \$61,000**
- Manufacturing/Maintenance/ Automated Technician
- Control Systems

1



Associates Degree

- Associates of Science
- Associates of Applied Science

2



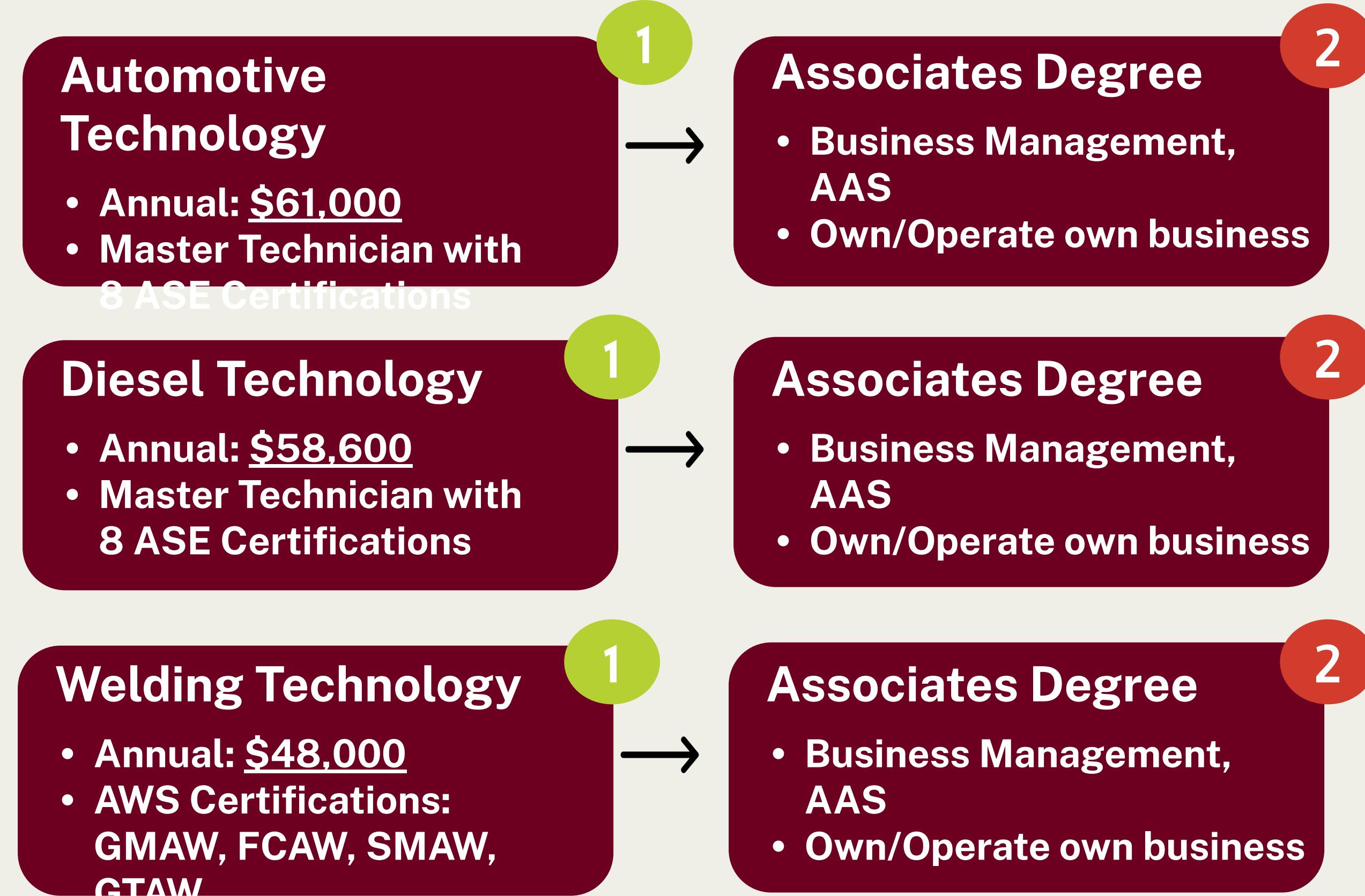
Bachelor's Degrees

- Engineering
- Mechatronics

4

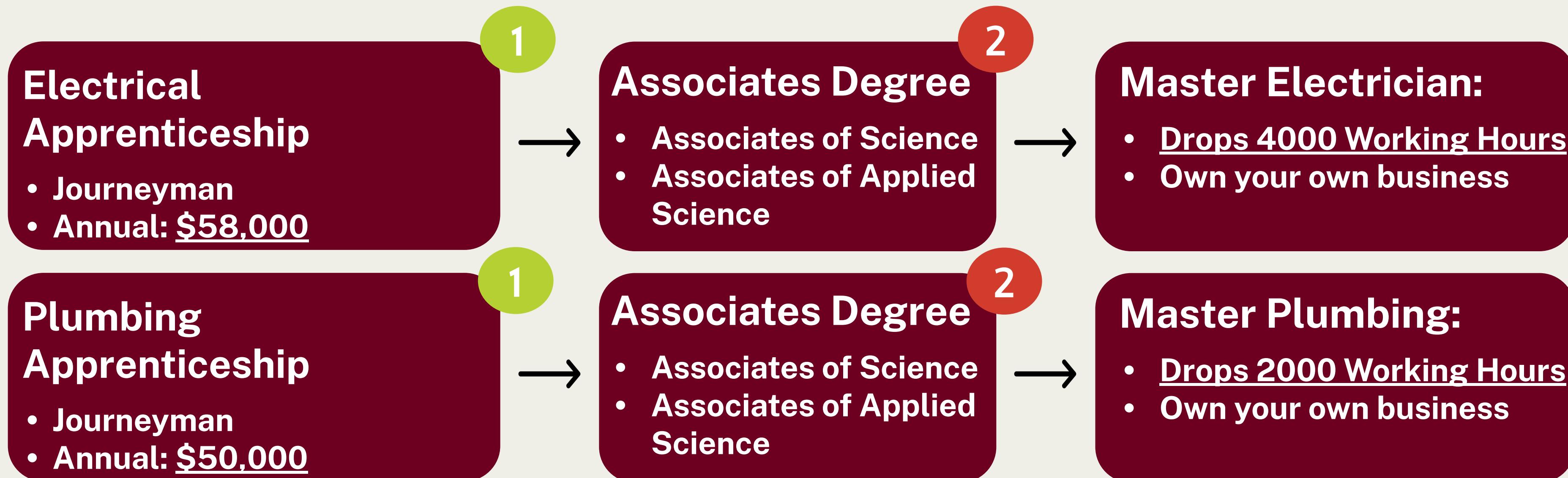
HOW EDUCATION AND INDUSTRY MEET:

Trades



HOW EDUCATION AND INDUSTRY MEET:

Apprenticeships

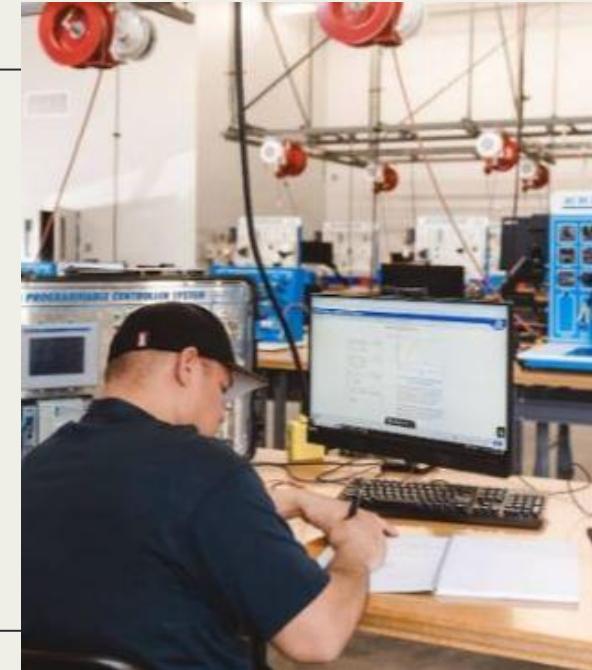


REAL-WORLD STUDENT PATHWAYS



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 care.



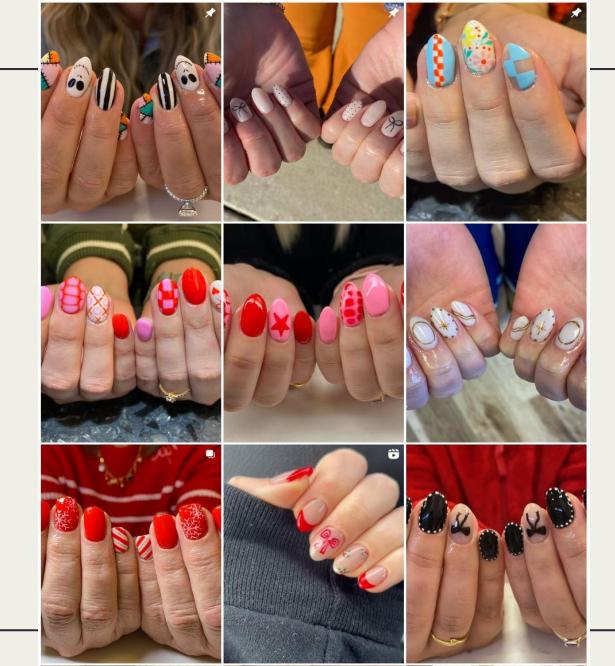
Automation Technology **Alejandro Lopez-Arriaga**

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.

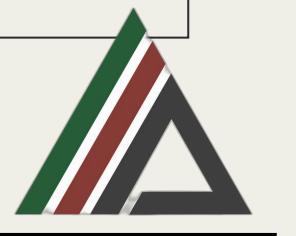
Determined to pursue my passion, I enrolled in an EMT course at UVU later that year. Thanks to my previous training at MTECH, it was more of a review, and I successfully passed my National EMT test on my first attempt. I then began volunteering at Mapleton Fire Department, where I gained valuable experience.

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



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



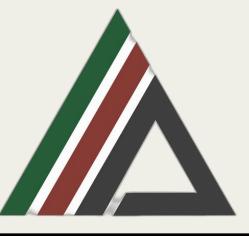
SNOW TECHCONNECT

TechConnect: Your Tech
Certificates Transfer to Snow
for a Degree



WEBER TECH TRANSFER
TechTransfer

K16 Counselor Conference Resource Folder



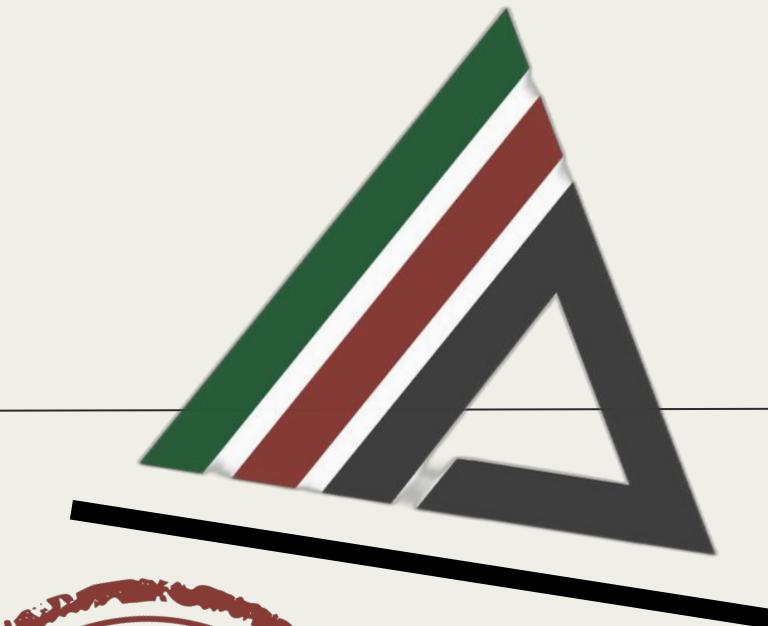
Thank you!

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Stefanie Adams

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UTAH MOUNTAINLAND REGION: Nursing Pathway

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

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
Human Development *	1.00
Medical Anatomy	1.00
Medical Terminology*	.50
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.



Job Possibilities:
Post-HS Graduation

Certified Nurse Assistant (CNA)

\$15.00/Hr.*

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.



Job Possibilities:
Post-Tech Program

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

\$24.00/Hr.*

2

UVU

Nursing, ASN



ASN Information

Certifications/Degrees Earned

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



Job Possibilities:
Post-ASN Program

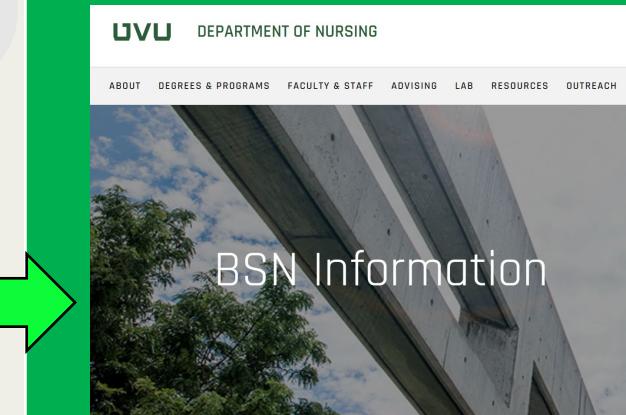
Registered Nurse (RN)

\$34/Hr.*

4

UVU

Nursing, BSN



BSN Information

Certifications/Degrees Earned

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



Job Possibilities:
Post-BSN Program

Bachelors of Science in Nursing (BSN)

\$40/Hr.*

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

ASSOCIATION -
Home

UTAH STATE LICENSING BOARD

Nursing-dopl.utah.gov