

Montana's Future at Work CTE Summit 2024





Day 1 Agenda

9:00 Welcome and Introductions

Dr. Angela McLean, Director of American Indian/Minority Achievement and K-12 Partnerships *Stephanie Gray*, Dean, Gallatin College

- 9:45 Opening Remarks Regent Jeff Southworth, Chair MUS Two Year Committee
- 10:15 Break
- 10:30 State of the State Chase Stahl, CTE & Special Projects Data Specialist
- 11:15 Industry Panel Connecting Industry to Higher Education
- 12:15 Regional Lunch
- 1:00 Student Panel Engaging Students in a Tourism-Based Economy Lone Peak High School
- 2:15 Keynote Speaker Mike Halligan, Senior Advisor at The Dennis and Phylis Washington Foundation
- 2:30 Break
- 2:45 Montana's Future at Work Spotlight UM Bitterroot and Missoula College
- 3:00 Education Design Lab: Community College Growth Engine Dr. Minzi Thomas, Senior Designer
- 4:00 Tour Big Sky Chamber of Commerce
- **5:30** Reception at Rainbow Ranch, sponsored by Education Design Lab.
- 6:30 Dinner on your own







Welcome

Dr. Angela McLean

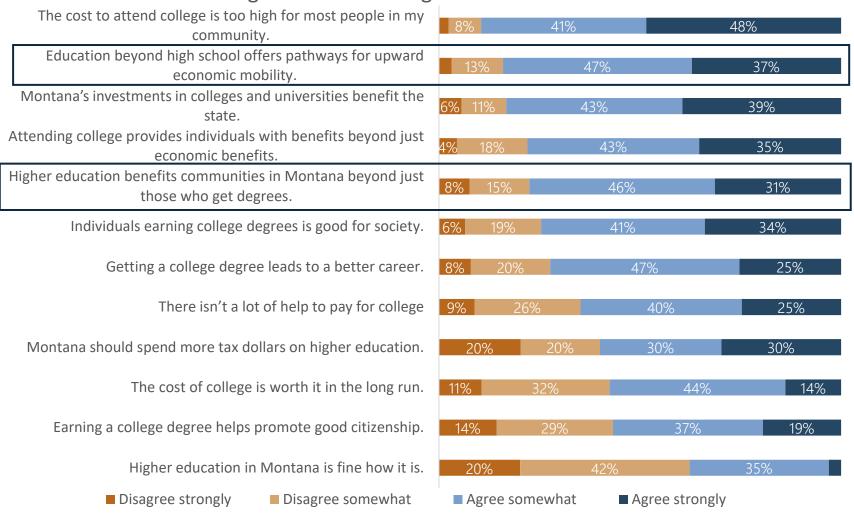
Director of American Indian/Minority

Achievement and K-12 Partnerships, OCHE

Stephanie Gray
Dean, Gallatin College

Earning a college degree provides a path to a better job and greater economic opportunity.

Resident Agreement With Higher Education Statements

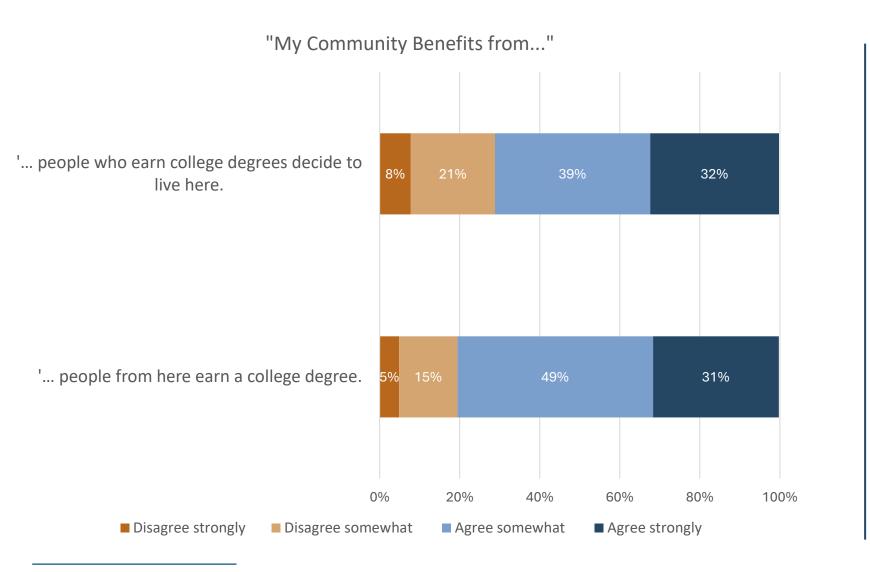


Survey findings suggest that Montanans' shared commitment to access is grounded in the belief that a college degree is good for individuals and good for the state.

84% of Montanans believe education beyond high school offers pathways for upward economic mobility.

77% of Montanans believe that higher education benefits communities beyond just those who get degrees.

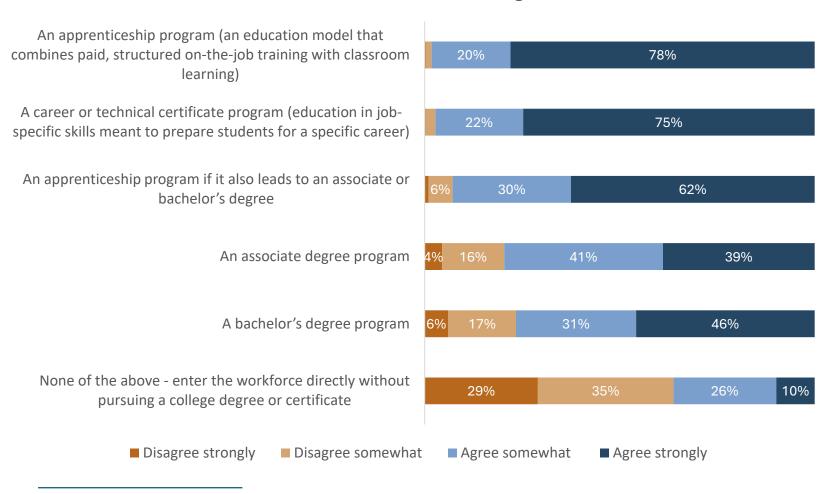
College degrees contribute positively to communities.



Most of the state's residents said that communities benefit when locals earn college degrees and when degree holders move to their community.

Montanans value postsecondary opportunities that include experiential learning.

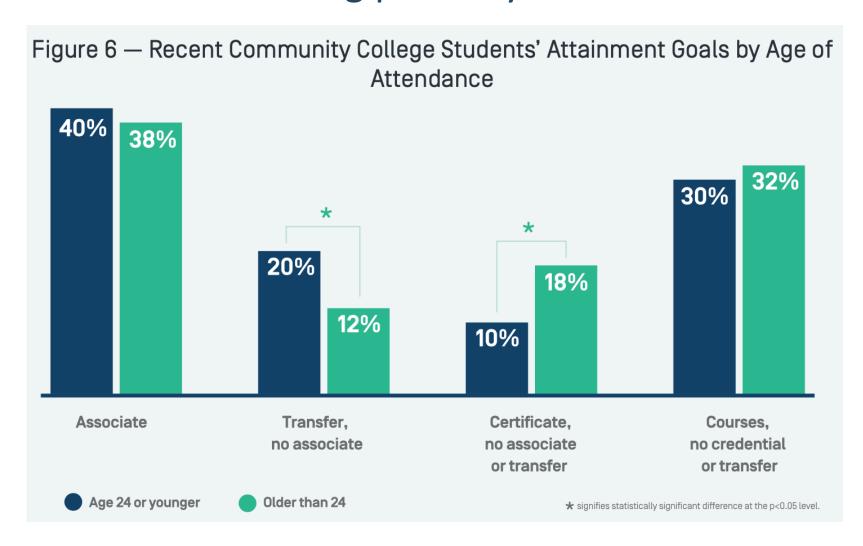
Residents Would Feel Comfortable Sending a Friend or Relative to...



Montanans particularly value education programs with workbased component.

Most Montanans also disagree that they would recommend entering the workforce without any sort of college degree or certificate.

When surveyed, older students indicate a growing preference for shorter training pathways



Large shares of recent community college students surveyed by Strada indicated a preference for short-term training pathways.

Montana lags in enrolling its more than 200,000 working-age adults without a credential.



1.8% of working age
Montanans without a
degree report being
enrolled in college.
Nationally, 3.3% are
enrolled.

Source: American Community Survey 2022 1-Year Estimates, Montana. Age 25-64. Labor force participation rates are in parentheses.



Speed Dating!!!

Get to know each other!

Share your name, title, place of employment and describe your first job!



Opening Remarks

Regent Jeff Southworth, Chair, MUS Two Year Committee



15 Minute Break



State of the State

Dual Enrollment and CTE Data

Chase Stahl, CTE & Special Projects Data Specialist, OCHE



State of the State

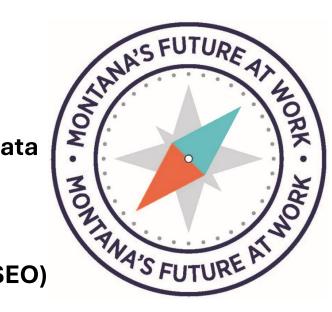


Office of the Commissioner of Higher Education



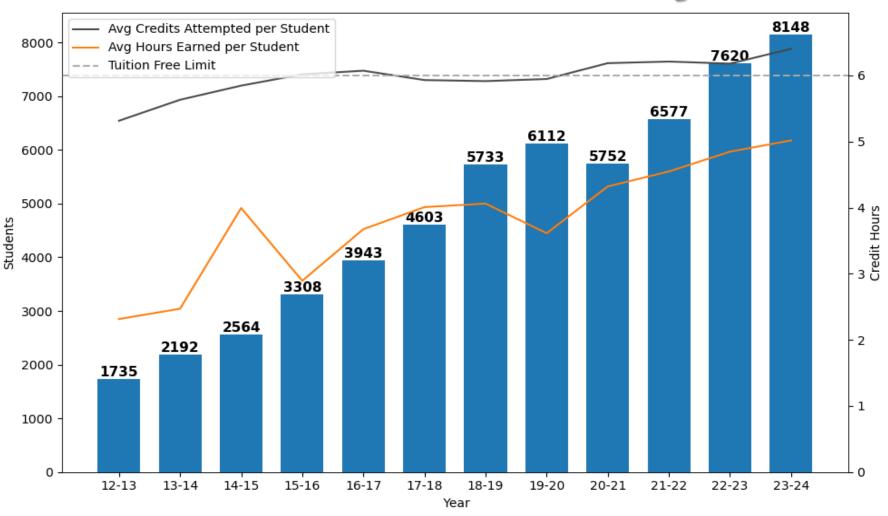
Overview

- Career and Technical Education (CTE) in Dual Enrollment
- CTE Programs (Perkins V)
 - Consolidated Annual Report (CAR)
- Connecting Higher Education to Industry with Data
- Dashboards
 - MUS Student Success
 - Post-Secondary Employment Outcomes (PSEO)
- Key Takeaways & Next Steps
- Resources





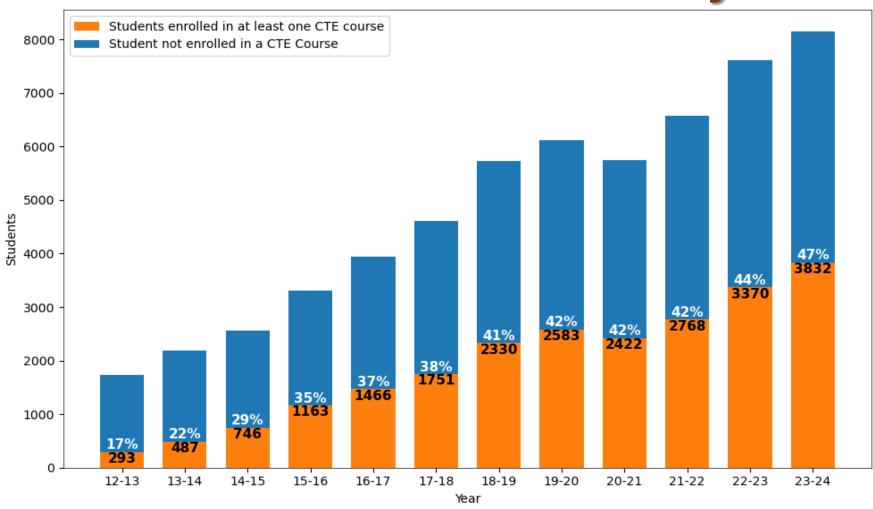
Dual Enrollment Count by Year



15.5% enrollment growth per year 6.9% enrollment growth from 2022-23



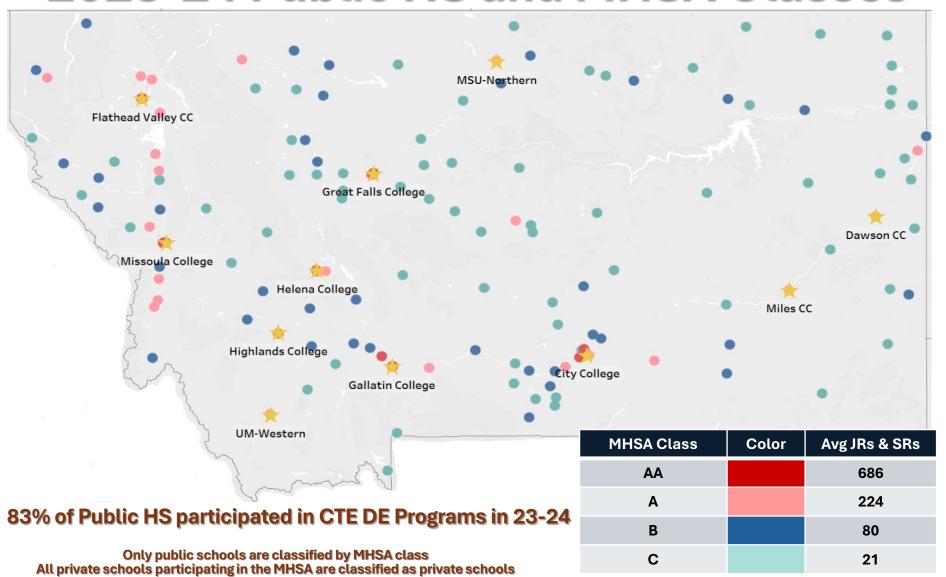
CTE Dual Enrollment Count by Year



15.3% CTE growth per year since 2016-17 13.7% increase from 2022-23

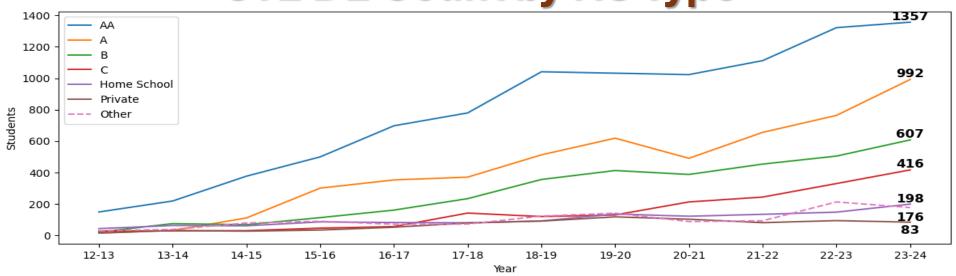


2023-24 Public HS and MHSA Classes





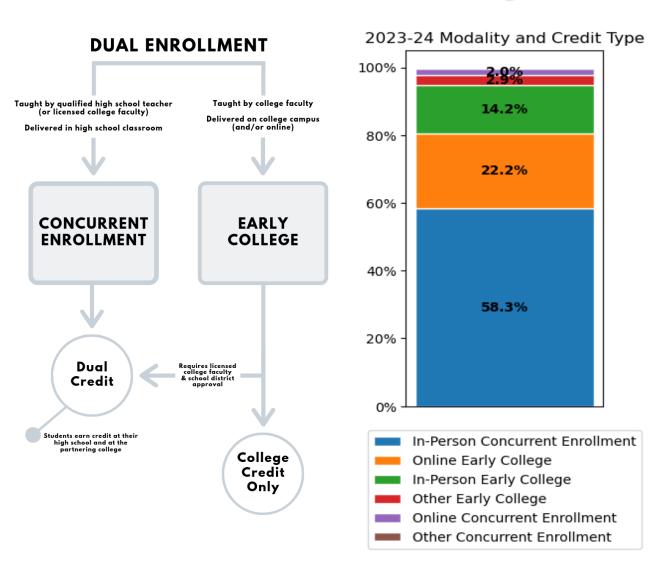
CTE DE Count by HS Type



HS Type	% Change from 2022-23	2022-23 Pass Rates
AA	2.6%	73.1%
Α	30.0%	58.3%
В	20.4%	68.1%
С	26.4%	83.2%
Home School	34.7%	57.0%
Private	-16.9%	84.3%
Other	-10.7%	67.4%



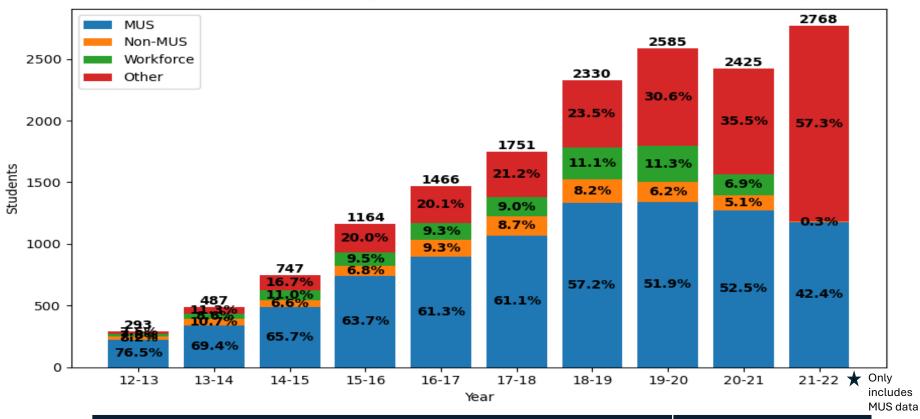
CTE DE Modality & Credit Type



2023-24 Top CTE Courses Intro to Public Speaking **Welding Theory I Practical Medical Terminology Intro to Business Intro to Interpersonal Skills Career Dev. & Interpersonal Skills** Welding Theory I **Welding Qualification Test** Prep **Basic MS Office** Intro to Biotechnology **Intro to Computers**



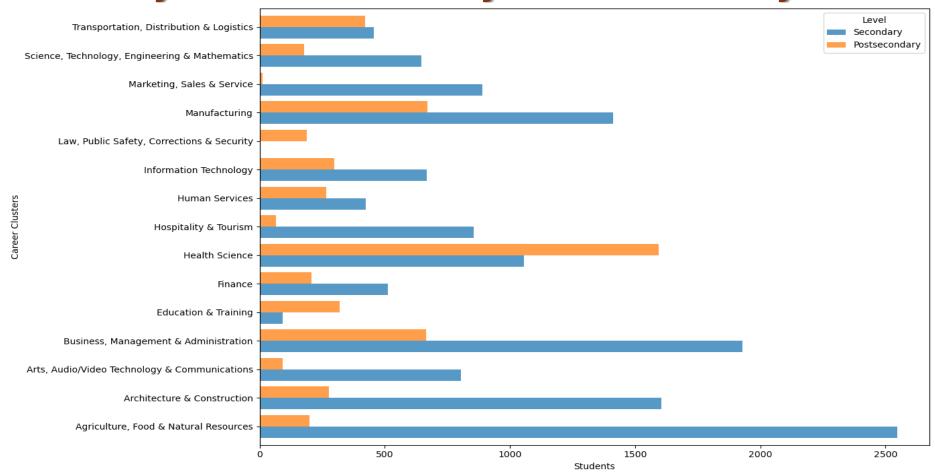
Post-Dual Enrollment & Matriculation



Questions	Color
Did the student ever enroll in the MUS?	
If not, did the student ever enroll outside of the MUS?	
If not, was the student employed in Montana 2 years after participation in DE?	
If none of the above, student categorized as other	



Secondary and Postsecondary Concentrators by Clusters

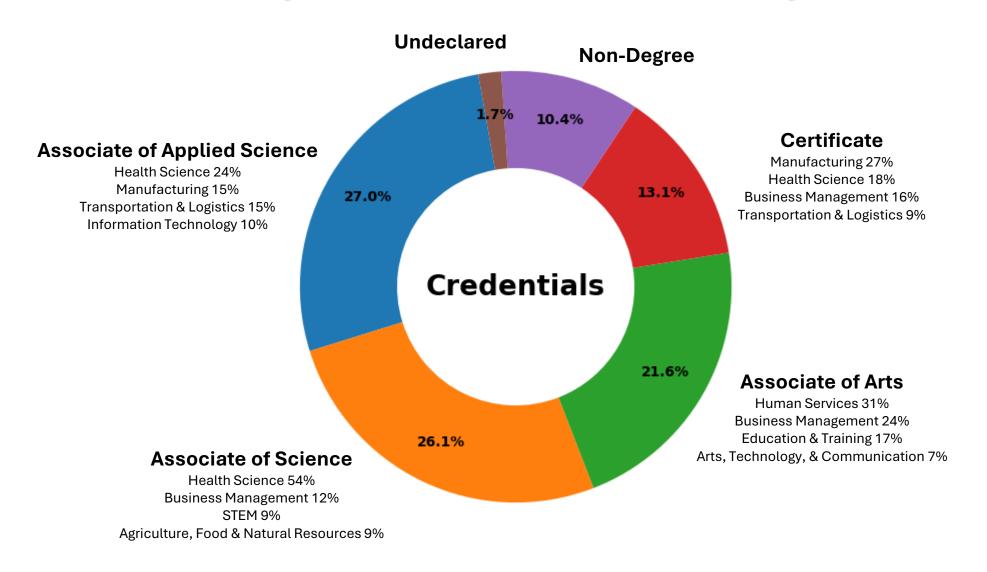


Postsecondary Concentrator- any student that has earned at least 12 credits within a CTE Program

Secondary Concentrator- any student that has completed two or more CTE courses in a single program



Postsecondary Concentrator Credentials by Clusters





Connecting Higher Ed to Industry with Data

CTE Graduates (CIP Codes)

Graduates
535
293
159
140
78
77
71

2022-23 CAR CTE Concentrator Graduates by Cluster

Are these graduates working in Montana? Are they continuing their education (in MUS)?

<u>Top Jobs</u> – jobs with the most openings that require a certification or degree (including apprenticeships) and pay twice the federal poverty level for an individual (\$25,520)

Montana's Top Jobs (SOC Codes)

- Bookkeeping/Accounting
 - Registered Nurses
 - Truck Drivers
- General & Operations Management
 - Nursing Assistants
 - Construction & Carpentry
 - Computer/User Support
 - Maintenance and Repair

Department of Labor & Industry

Tools

MUS Student Success Dashboard: CIP-NAIC Codes

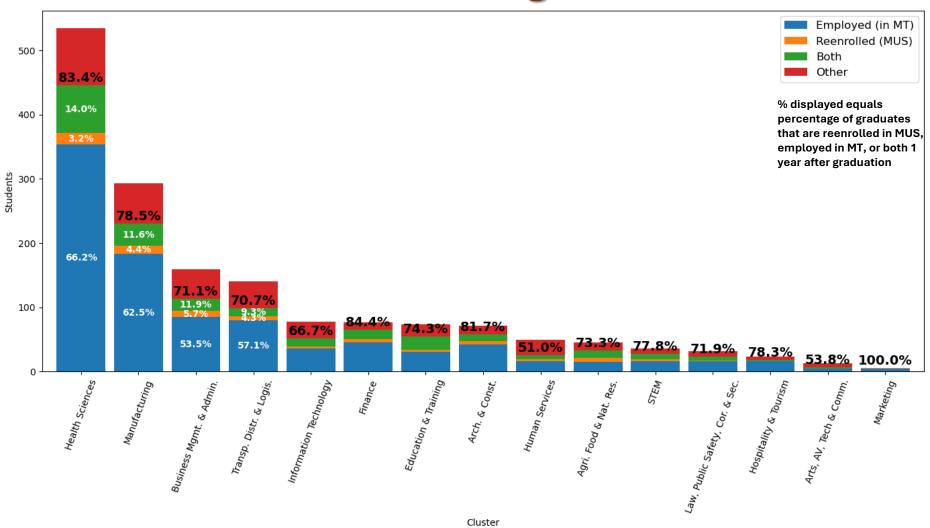
Tracks earnings and employment flows within the state

PSEO Dashboard: CIP-SOC Codes

Tracks career earnings and employment flows nationwide



2022-23 1P1: Post-Program Placement





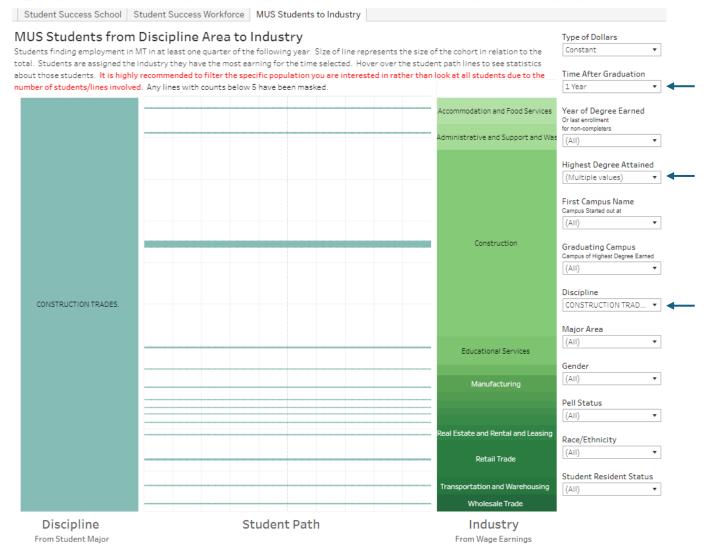
MUS Student Success Dashboard

Type of Dollars Student Success In Workforce Constant This dashboard tracks MUS students after school and into the workforce. Data included only includes wage data from Montana. Any out of state wages earned will not be included. To allow time for a student to acquire a job after school the 1 year wage data starts a year after the Time After Graduation student graduates or their last enrollment. Only students that are employed for the full year are included in salary data. Salary amounts may 1 Year be displayed in constant dollars (2023 dollars) or nominal dollars (actual dollars earned that year). Selecting "Null" for Highest Degree Level represents students that attended the MUS but did not receive any credential. Data included is since the 2001 school year. Any data with Highest Degree Attained counts of less than 5 students is masked. (Multiple values) **Student Salary Amounts Total Students** MUS Graduates Employed Year of Degree Earned Percent of students receiving salary amounts displayed. Only Or Last Enrollment in Montana students employed in Montana for the full year are included. for Non-Completers 18,918 Employed Counts includes all students Yes No who earned any wage in Montana during \$25,000 Annual Salary or Higher First Campus Name Campus student started out at **Average Salary** 8.7% 91.3% 1 Year g 15,000 Graduating Campus Campus of Highest Degree Earned \$50,000 Annual Salary or Higher \$45.584 10,000 55.7% 44.3% Discipline 5,000 Average Salary \$75,000 Annual Salary or Higher 3 Years Major Area 23.9% 76.1% \$53,407 Gender Group BY Historical Salary Degree Level Average Salary Year is the year of the highest degree earned or the last year of enrollment for Pell Status students with no credential. Selecting an option from the Group By selector 5 Years will only affect this graph. Race/Ethnicity \$57,019 Student Resident Status **Average Salary** \$20,000 10 Years Grouping \$0 \$63,663 Associate Degree Certificate

Filtered by Associate's and Certificate Graduates



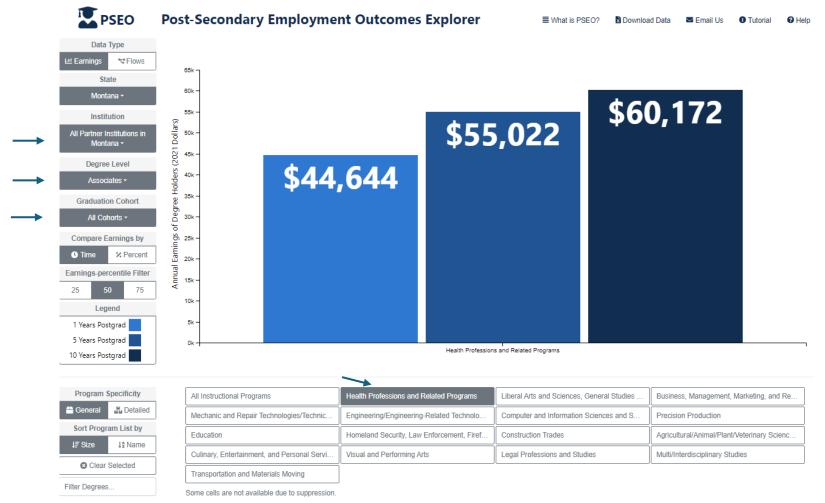
MUS Student Success Dashboard





PSEO Dashboard

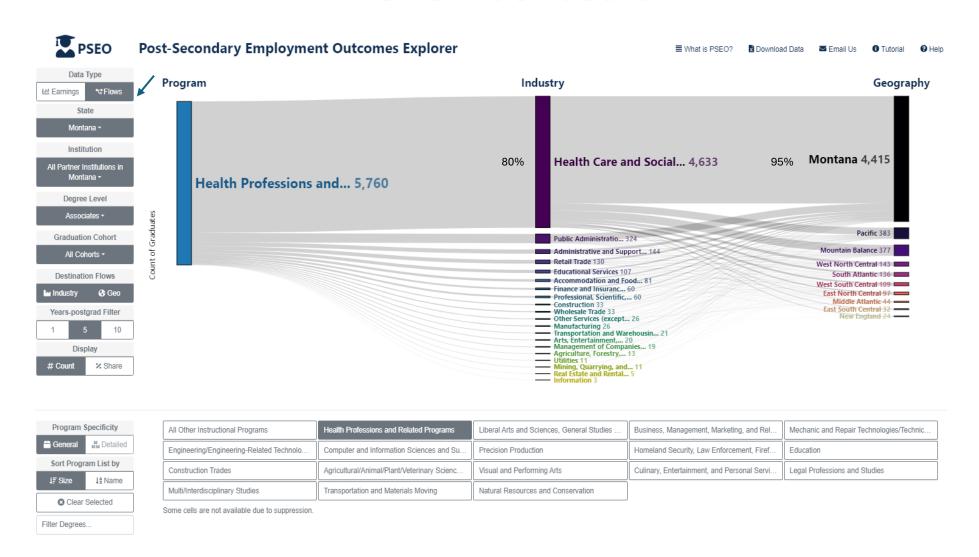
Census Bureau researchers use the submitted data to provide earnings and employment outcomes for college and university graduates by degree level, degree major, institution and state.



Filtered by Health Professions and Associate's Graduates



PSEO Dashboard





Key Takeaways

- Continuous DE growth and CTE DE growth
- In-Person Concurrent DE is the primary modality and credit type for CTE DE
- Health Sciences and Manufacturing have largest Postsecondary CTE
 Concentrator enrollment
 - Two of the top three highest job placement and reenrollment rates
- 77% job placement and reenrollment rates for all clusters
- MUS Student Success & PSEO Dashboards track post-secondary employment and salary outcomes



Next Steps

- DE Report & Dashboard
 - Where are students coming from?
 - Where are students going after DE?
 - What are DE pass rates?
 - How do they perform in the MUS compared to MT HS graduates?
- Transfer Dashboard
 - National Student Clearinghouse (NSC)
 - Incorporating NSC data into Student Success dashboard
- Exploring State Wage and Interchange System (SWIS) data (US Dept. of Labor)
- Program-level data for Perkins V programs in CAR Campus Reports



Resources

MUS Dashboard:

https://www.mus.edu/data/WorkforceTool/index.html

PSEO Dashboard:

https://lehd.ces.census.gov/applications/pseo/?state=30&type=earnings&compare=postgrad&specificity=2&institution=30°reelevel=03&gradcohort=0000-5&filter=50&program=51,12

- Dept of Labor & Industry Job Projections: https://lmi.mt.gov/projections
- Perkins CAR Reports
 - State- https://www.mus.edu/Perkins/documents/report-cards/2022-2023/State_Report_2023.pdf
 - Campus- https://www.mus.edu/Perkins/perkins-archive.html



Contact

Chase Stahl
Data Specialist

cstahl@montana.edu



Connecting Industry to Higher Education

Panelists

- Mollie Bryan, General Manager, Element Hotel, Bozeman
- Brian McMillan, Systems and Sales Manager, Granite Technology Solutions
- Joe Perrelli, Market President, Big Sky, Martel Construction
- Ashley Olsen, Manufacturing Operations Manager, Aurora
- **Eva Oruste,** Director of Career Services and Director of Native American Career Technical Education Programs, Salish Kootenai College
- Morgan Tiberi, MT Fabrication and Welding



Lunch - Sit with your Region.





Engaging Students in a Tourism Based Economy

Lone Peak High School Student Panel

- Anna Masonic
- Haley Hodge
- Jose Chairez







Keynote Speaker

Mike Halligan, Senior Advisor, Dennis and Phyllis Washington Foundation

Jon Bennion, Executive Director, Dennis and Phyllis Washington Foundation





15 Minute Break



Montana's Future at Work Spotlight

UM Bitterroot and Missoula College



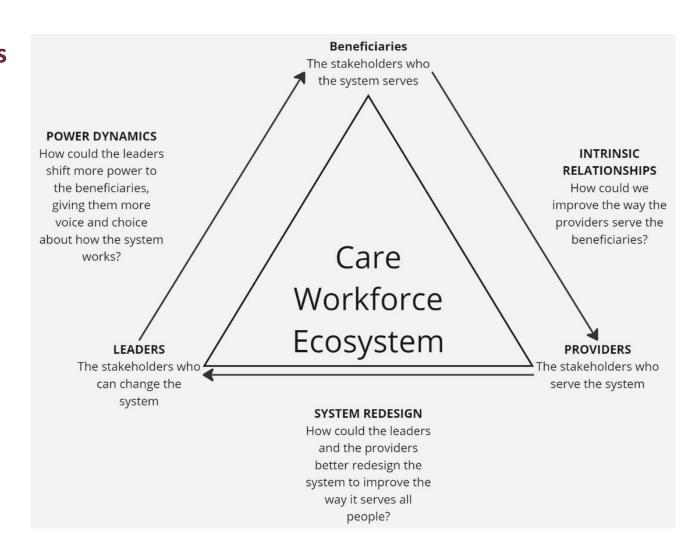
Rural Careers Pathways Program (RCPP)

- Guiding Principle
- What can we do together that we could not do alone?
- Goals
- Increase the number of healthcare + early childhood education and career opportunities in rural Montana
- Support students through high school → postsecondary → employment by providing both academic and success support services/resources
- Support rural healthcare and early childhood facilities to address the healthcare and early childhood workforce shortage



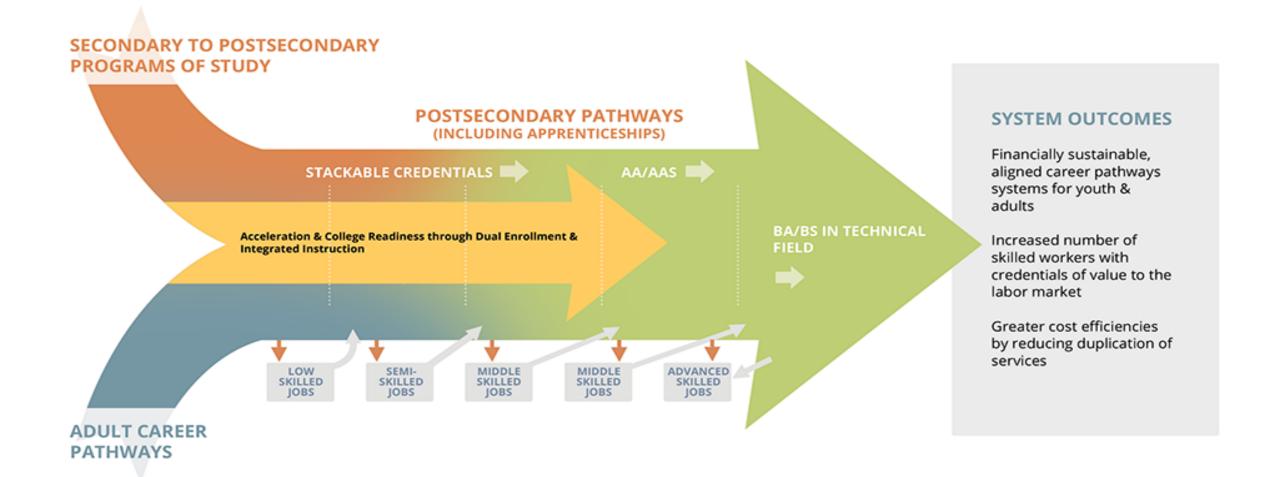
Program Activities

- Utilize a <u>systems-based approach</u> to address this guiding question: How do we build and sustain a holistic workforce ecosystem based on the unique needs of our population in rural Montana?
- Focus on fostering relationships to dissolve care workforce system problems
 - Stakeholder mapping
 - Solve for one, extend to many
 - Technical assistance
- Develop and implement a comprehensive career pathway
 - Pre-apprenticeship and apprenticeship components
 - Dual credit and stackable credentials
 - Both high school and adult learner pathways

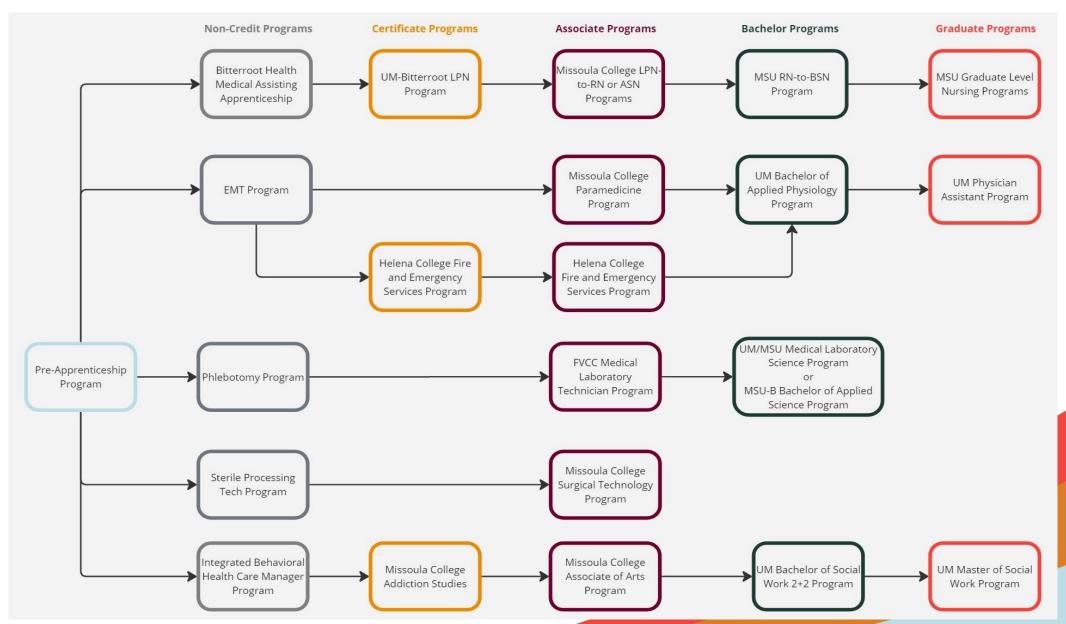




Integrated Career Pathways Model









High School Pre-Apprenticeship

Pre-Apprenticeship Requirement	Credit/Hours
W 101	3 credits
AHMS 144: Medical Terminology or PLTW Principles of Biomedical Science or Bitterroot Health Year 2 Course	3 credits
BIOH 104/105: Basic Human Biology or PLTW Human Body Systems or PLTW Medical Interventions	4-5 credits
PSYX 101: Introduction to Psychology	3 credits
Healthcare job shadowing experience or CNA training or HOSA participation	50 hours
BLS CPR Certification	

Non-Credit MA Training

UM-Bitterroot Non-Credit CMA Training	Hours
9 Week Online, Foundational Classroom Training	Approximately 126 hours
9 Week In Person, Foundational Lab Skills	Approximately 95 hours
9 Week Foundational Clinical Training	Approximately 108 hours
Advanced Skills Training (Online + Lab Skills Instruction)	Approximately 100 hours
Apprenticeship: On-the-Job Training	2,000 hours

UM-Bitterroot LPN Program

LPN Courses	Credits
BIOH 104/105	5
M 121	3
PSYX 101	3
W 101	3
Se	mester 1
NRSG 130 and 131	3 Classroom + 3 Lab
NRSG 135 and 136	3 Classroom + 1 Lab
NRSG 152 and 153	2 Classroom + 2 Clinical
Se	mester 2
NRSG 140 and 141	4 Classroom + 2 Clinical
NRSG 142 and 143	3 Classroom + 1 Clinica
NRSG 148 and 149	2 Classroom + 1 Clinical

= Credit for Prior Learning Possibility

> = Pre-req completed



= Pre-Requisite Courses



= Students can test out of courses

Missoula College LPN-to-RN Program

	LPN-to-RN Courses	Credits	
	BIOH 201/202	4	
	BIOH 211/212	4	
A	M 121	3	
A	PSYX 101	3	
A	W 101	3	
	Semester 1		
	NRSG 230	3 Classroom	
	NRSG 236 and 237	2 Classroom + 1 Clinical	
	NRSG 254 and 255	3 Classroom + 1 Clinical	
	NRSG 260	1 Lab	
	SOCI 101	3 Classroom	
	Semester 2		
	NRSG 256	3 Classroom	
	NRSG 246 and 247	2 Classroom + 1 Clinical	
	NRSG 244 and 245	3 Classroom + 2 Clinical	
	CHMY 121/122	4 Classroom + 1 Lab	
	Semester 3		
	NRSG 259 and 261	3 Classroom + 2 Clinical	
	NRSG 266 and 267	2 Classroom + 2 Clinical	
	BIOM 250/251	3 Classroom + 1 Lab	





Education Design Lab: Community College Growth Engine

Dr. Minzi Thomas, Senior Designer



Community College Growth Engine

Future at Work CTE
Summit

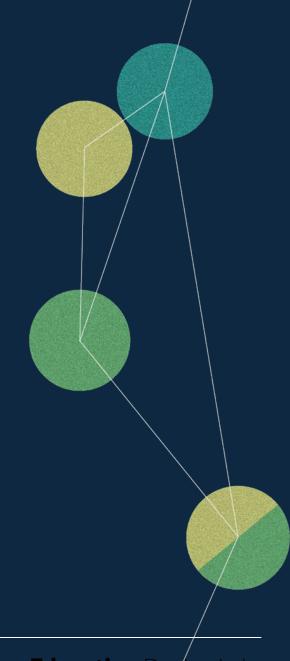


October 15, 2024

Today's Agenda

- Welcome + Introductions
- The Community College Growth Engine
- Year-to-Career Initiative
- The Micro-Pathways
- What's Next?
- Q&A

Introductions



MUS Year-to-Career Team



Dr. Minzi A. ThomasSenior Education Designer
Education Design Lab



Gabby Billiot
Associate Education Designer
Education Design Lab

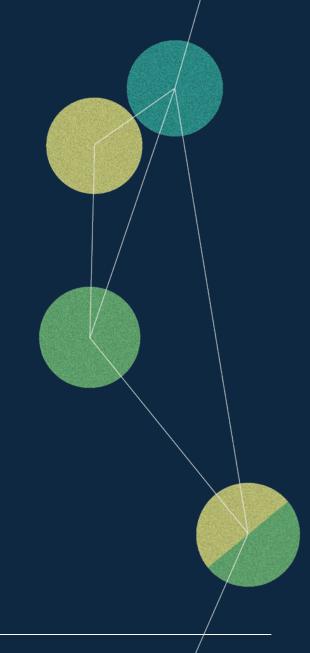


Terry BerkhouseProgram Manager
Education Design Lab



Dr. Angela McLean
Director of American
Indian/Minority Achievement
and K-12 Partnerships,
MUS + OCHE

The Community College Growth Engine



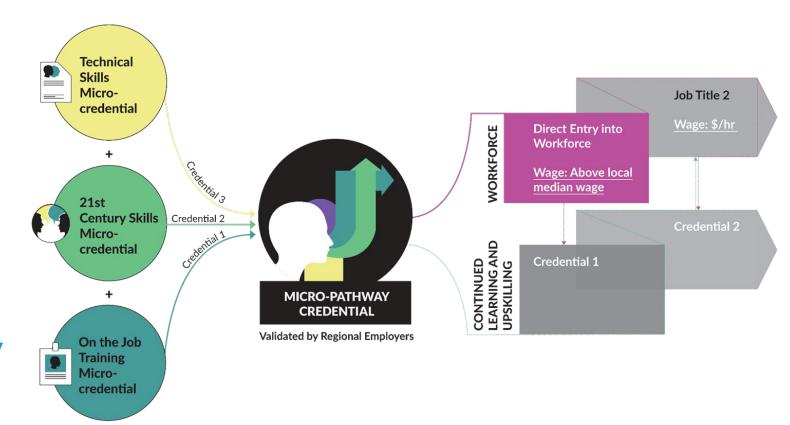
How might we design equitable and accessible micro-pathways toward high-growth careers endorsed by employers and visible to learners moving from post-secondary education into the workforce?

Defining Micro-pathways

In this new time, we need a new class of credential that is more aligned to the market, designed for learner needs, and faster than traditional offerings.

Micro-pathways:

A new model to better address program affordability, flexibility, relevance, portability, and visibility to meet the needs of a rapidly changing knowledge economy.



Design Criteria

In order to meet the needs of New Majority Learners and employers, micro-pathways must:



Include two or more credentials that are stackable, portable, + track toward a degree



Align to dynamic regional labor market employment + wage data



Be employer-initiated + validated



Be completed in **one year or less**



Be offered in a **flexible delivery format**



Be affordable



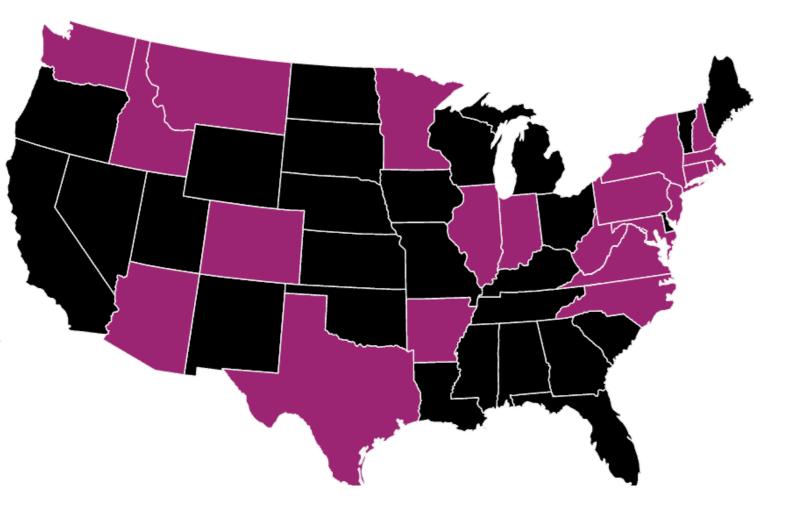
Be digitally discoverable



Integrate technical + 21st Century skills

Community College Growth Engine

- 20 States
- 75+ Colleges
- 6 partial systems
- 1 state system
- 430+ employers and multiple K12 partners
- 100+ Micro-Pathways



As of July 2024

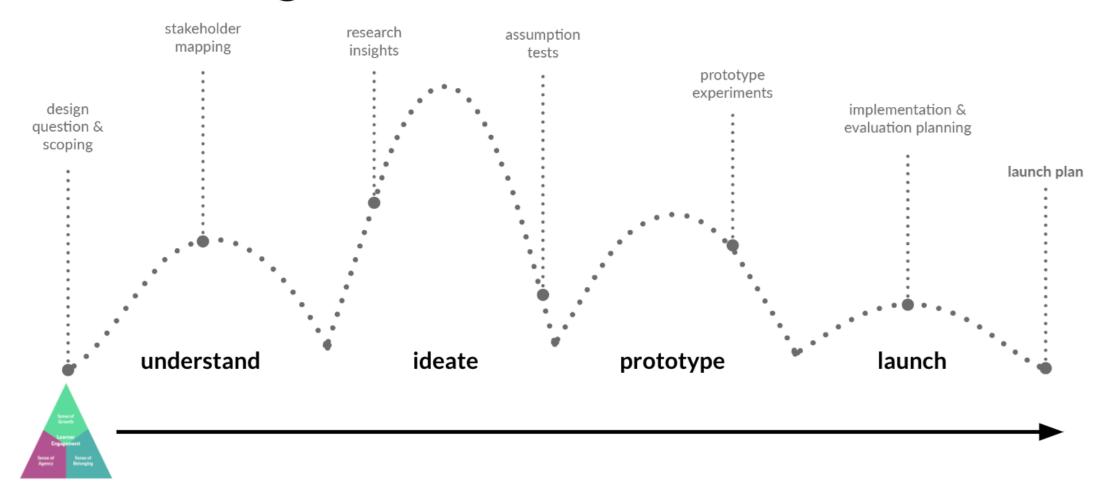
Cohort I has shown us...

Designing micro-pathways can serve as a "gateway" for community college transformation through:

- Stackable Program Design
- Employer Engagement
- Marketing to New Majority Learners
- Noncredit to Credit Alignment
- Data Collection

This kind of institution-wide transformation must be driven by senior leadership.

The Lab's Design Process



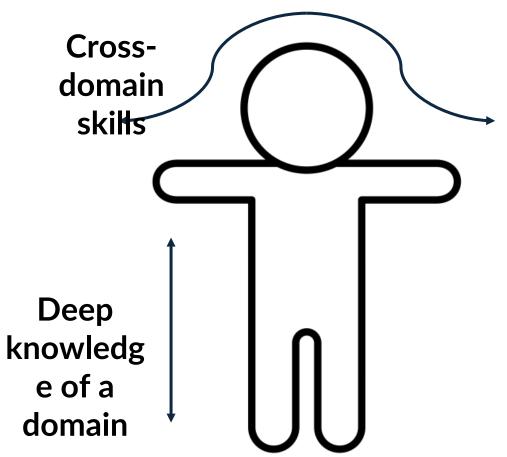
The T-Profile Session

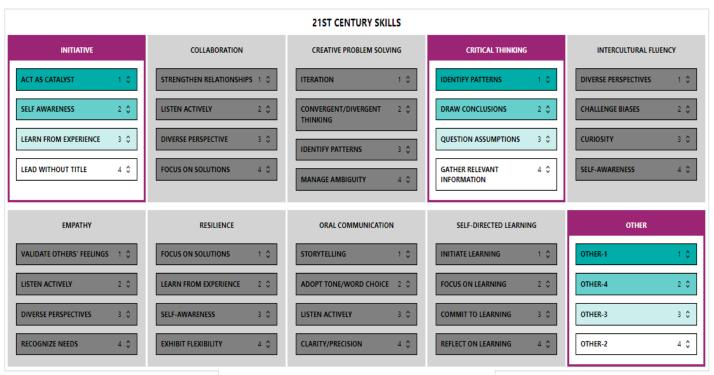
An interactive dialogue where employers clarify and deepen our understanding of the optimal technical and durable skills required to be career-ready for a given a role, in a skills mapping session using a tool called a T-profile.

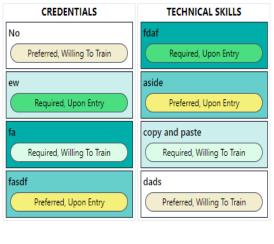
Benefits:

- a. Employers provide input into designing a targeted program to meet their needs.
- a. We create alignment of talent supply and demand around competencies.
- a. We cultivate precision, clarity, and understanding of occupations for the employer, college, and I(earner).

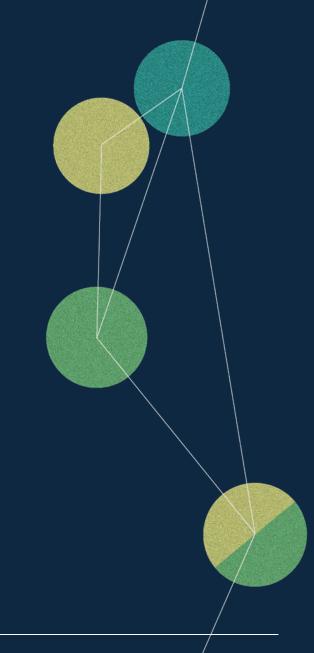
T-Shaped Learner







Year-to-Career Initiative



Year-to-Career Initiative: The Highlights

- > Thirteen Montana community colleges are participating in a two-year transformation to enhance their role as sustainable engines of economic growth, establishing at least 12 micro-pathway programs.
- > The three primary sectors of interest include healthcare, technology, and trades, with medical assisting and welding being the top occupations identified as having the greatest workforce need.
- > We identified three critical areas of opportunity to streamline our micro-pathway design and implementation strategy: employer and industry engagement, marketing and communications, and credit for prior learning.

Working Groups & Objectives

Employer & Industry Engagement

Communicate the value of micropathway programs to our industry and employer partners across the State.

Establish a strategy to ensure we have created a shared understanding of the technical and durable skills associated with each of the micro-pathway badges.

Develop a communications plan to keep employers informed about program launches and program completers.

Marketing and Communications

Develop and distribute templates for marketing and recruitment collateral that colleges can tailor to their needs and brand.

Design and launch a marketing email campaign to market the micropathway programs.

Explore system level marketing strategies and create a plan to ensure there is system-to-college webpage synergy.

Credit for Prior Learning

Develop a shared taxonomy around badging, credit for prior learning, and prior learning assessments.

Identify and document inputs and outputs of common learning experiences and credentials.

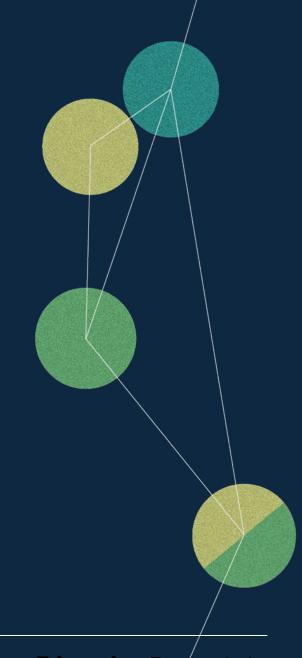
Develop a shared badging process and procedure for micro-pathway completers.

Year-One Insights

➤ Through our design process, we've been able to validate what is and has been working effectively, around existing curriculum, ecosystem partnerships, and student support services.

- > Job descriptions may not accurately reflect the evolving skills employers need, creating an opportunity for us to support the recredentialing of roles.
- > System level support that includes cross-college collaboration is critical to the sustainability of our statewide micro-pathway and short-term training strategy.

The Micro-Pathways



Bitterroot College: Certified Clinical Medical Assistant

MONTANA UNIVERSITY SYSTEM

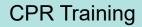
← 4-6 months (part-time) →



Medical Assistant \$40,130/yr

NHA CCMA EXAM





Medical Terminology
Course

EHR GO

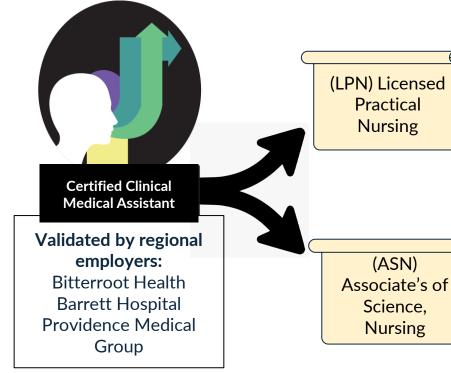
Mental Health First Aid

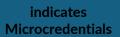


Critical Thinking

Certified Clinical Medical Assistant (CCMA) Exam

Clinical Externship (160 Hours)





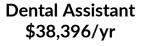


Great Falls College: Dental Assistant Micro-pathway

← 16 weeks (part-time) →









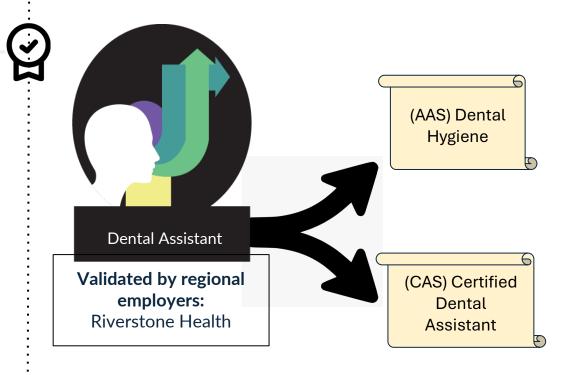
Infection Control

Chairside Basics

Radiology

Empathy

Critical Thinking





Montana Western: Certified Clinical Medical Assistant

← 4-6 months (part-time) →





Medical Assistant \$40,130/yr







CPR Training

Medical Terminology Course

EHR GO

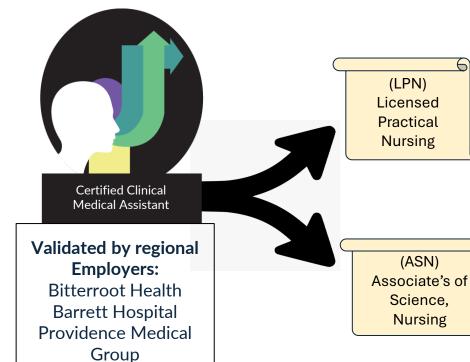
Empathy

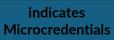
Critical Thinking

Collaboration

Certified Clinical Medical Assistant (CCMA) Exam

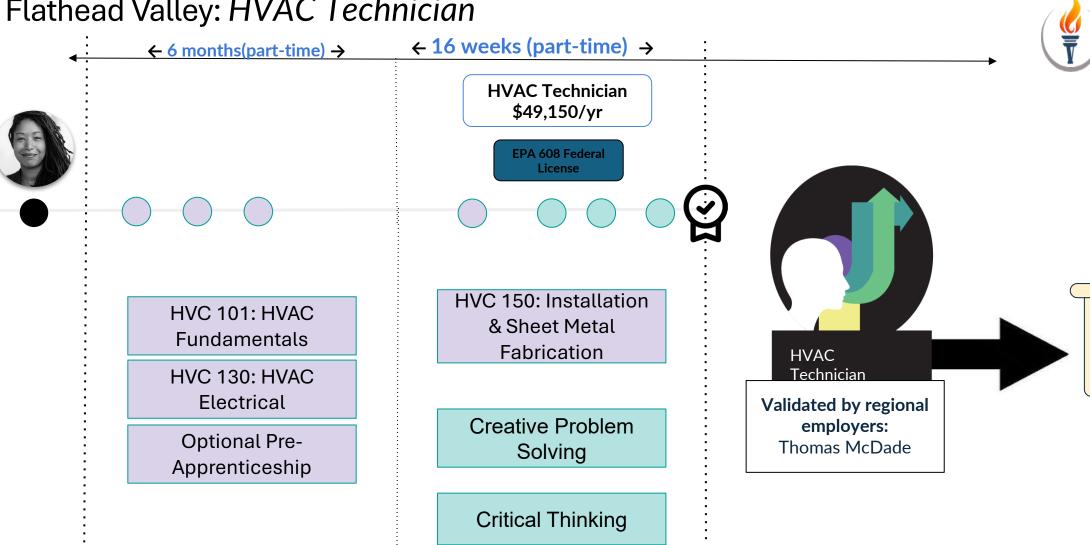
Clinical Externship (Optional)







Flathead Valley: HVAC Technician



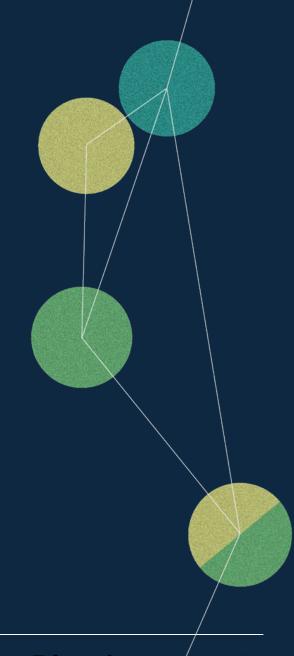


(CTS) HVAC

Apprentice

indicates Microcredentials

Tracking + Reporting



Job Quality & Expected Growth -

Job Growth:

- Using labor market data, we are tracking the projected growth rate for occupations across the state.
- Significant job growth is expected in key sectors over the next decade, particularly in construction and healthcare, with additional opportunities emerging in technology and manufacturing.

Job Quality:

- Using data and job descriptions collected from T-Profile sessions, we are tracking the quality of jobs (living wage, benefits, etc.).
- While employers generally offer competitive benefits packages, there is a need for salary transparency across sectors like healthcare and manufacturing.

Valued Durable Skills -

The data below highlights the durable skills identified by employers as critical, across three sectors:

Healthcare

- Critical Thinking:
 Highly valued across all healthcare roles
- Empathy:

 Particularly important
 for EMTs and CMAs
- Resilience:
 Crucial for EMTs and
 CMAs
- Interpersonal
 Communication:
 Essential for CMAs

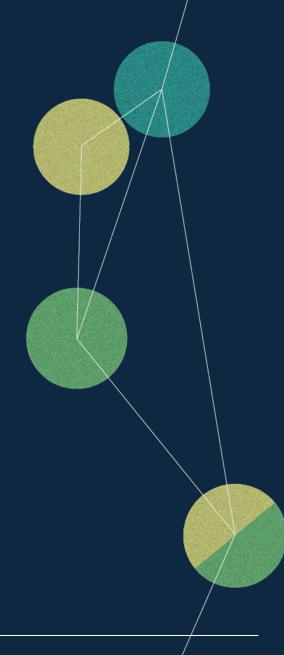
Trades

- Creative Problem Solving: Especially important for welders
- Critical Thinking:
 Valued across welding positions
- Initiative:
 Highlighted for some welding roles
- Oral Communication:
 Emphasized in welding positions
- Resilience:
 Important for HVAC technicians

Information Technology

- Collaboration:
 Highly important
- Critical Thinking:
 Emphasized strongly
- Resilience:
 Considered crucial

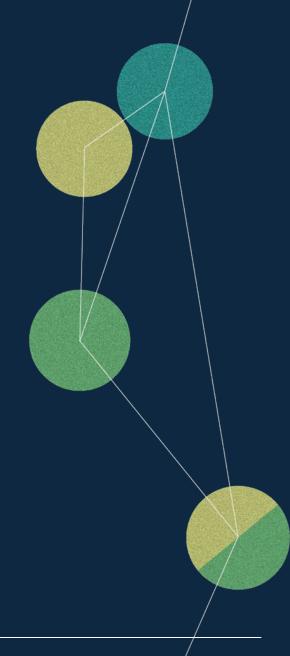
Next Steps



What's next?

- > Statewide Strategy: We are finalizing our cross-system plan to deliver, track, and assess high-quality short-term training opportunities that fulfill workforce needs and advance students along clear pathways.
- ➤ Data Collection: Through the Lab's data collaborative, we are building a data infrastructure that will track and collect enrollment and completion data, to understand who our learners are and the impact these programs have on their careers.
- ➤ Micro-Pathway Implementation: Along with medical assisting, we've designed or are designing pathways slated to launch next spring or fall in welding, dental assisting, emergency medical technician, early childhood education, behavioral health, and HVAC technician.

Questions?



Thank You!

To learn more about the Education Design Lab and to sign up for our Innovator Network, please visit eddesignlab.org

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Day One Wrap-Up

4:00 pm Tour, Big Sky Chamber of Commerce

5:30 pm Reception at Rainbow Ranch. Sponsored by Education Design Labs.

Dinner on your own.

Join us back here tomorrow at 8:15 am to start our morning with coffee and reflection.



Day 2 Agenda

- 8:15 Coffee and Day One Reflection
- 8:45 Montana Future at Work Spotlight

MSU Billings & Highlands College Flathead Valley CC UM Dual Enrollment MSU Billings

- 9:45 SNAP E&T Mary Claire Houlihan, Project Director, Maximus
- 10:30 Break
- 10:45 Table Work
- 12:00 Lunch
- 12:45 Industry Connection Action Plan Development
- 2:00 Adjourn







Day One Reflection

Reflecting on yesterday's industry panel, how do you plan to connect with industry once you return to your communities?



- MSU Billings and Highlands College
- Flathead Valley Community College
- University of Montana Dual Enrollment
- MSU Billings



MSU Billings and Highlands College









From Classroom to Care

Your Certified Nursing Assistant (CNA) Training Journey

Certified Nurse Assistants (CNAs) play a vital role in healthcare, providing essential care to patients and supporting nurses and medical staff.

- Practical experience
- Skill development
- Networking opportunities
- Enhanced employability
- Understanding workplace dynamics
- Confidence building

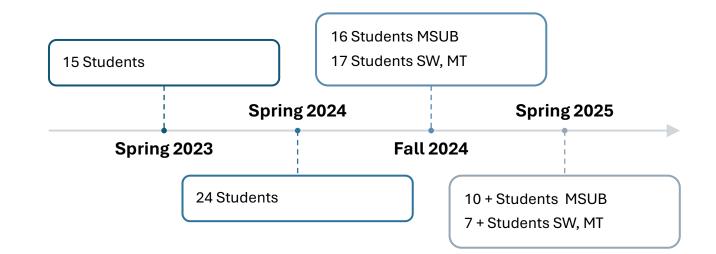


Funding Sources

ACCELERATE MT (Spring 2023- Fall 2024)

Butte Silver Bow ARPA (Spring 2023- Fall 2024)

Montana's Future at Work (Fall 2024-Spring 2025)





Foundations of Healthcare Program Overview

High School Students age 16+

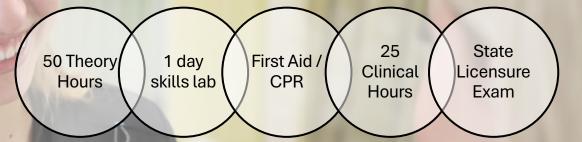
- Apply
- Application
- 2 Letters of reccomendation
- Letter of intent
- High school transcript
- Vaccination records
- Valid Government issued ID
- 2-Step TB Skin Test (TST)

Dual Credit Courses

- College writing: 3 credits (WRIT 101)
- College level math: 3 credits (100+)
- Intro to Health Careers: 3 credits (HTH 101)
- Certified Nursing Assistant Course: 4 credits (NRSG 106)

Apply for graduation







Pathway to Success

Moriah Reich





CALLING ALL HIGH SCHOOL STUDENTS!

EXPLORE THE FOUNDATIONS OF HEALTHCARE
- 13 CREDIT SCHOOL TO WORK OPPORTUNITY -



ENTER THE EXCITING WORLD OF HEALTHCARE.

Complete your 13 credits online and/or in the high school.

Upon completion of credits, clinicals, and turning 16 years of age you will be eligible to take the Montana Certified Nurse Aide Licensing Exam.

ENROLL TODAY to learn the basic information and skills needed to provide care to residents and patients in assisted living and/or long-term acute care facilities.

ENROLL IN THIS EXCITING PROGRAM NOW!

FOR MORE INFORMATION CONTACT: Kinsley Rafish 406-496-4684 | krafish@mtech.edu

This program is not eligible for financial aid available through the FAFSA



EXPLORE DIFFERENT HEALTHCARE CAREERS.



FIND OUT IF HEALTHCARE IS FOR YOU.



BONUS! SIT FOR THE MONTANA CERTIFIED NURSE AID LICENSING EXAM.

1) JOB DEMAND FOR CNA'S TO GROW 8% FROM

2020+2030. (U.S. Bureau of Labor)

MEDIAN ANNUAL WAGE \$30,850



Outreach and Marketing

- Social Media Blast
- News Paper Articles
- School Presentations
- Career and Technical Education (CTE) Fairs
- HOSA Leadership Conference





Montana Future at Work Spotlight Flathead Valley Community College



Empowering Tomorrow's Workforce: CNC Essentials Training Program, Lincoln County

Lisa M. Blank, Executive Director, Workforce Development
Fostering Manufacturing Career Pathways















Workforce Need





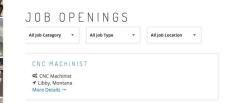
ALPINE PRECISION INC. LOCATED IN NORTHWEST MONTANA.

Alpine Precision proudly provides services world wide. We are a well established company, in business since 1994. Our new 10,000 square foot facility is built with modern technology and is energy efficient.

INDUSTRIES SERVED ARE: AEROSPACE / DEFENSE / SEMICONDUCTOR / FIREARM





















Community Engagement

Manufacturing community meeting in partnership with MT DLI, Fall 2023.

Evening welding course, Spring 2024.



Montana Future's At Work Funding



















Student Engagement

CNC Infrastructure Development

Teacher Professional
Development
Curriculum Development

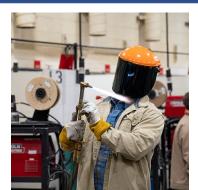
CNC Essentials

Introduction to CNC Employability Skills Blueprint Reading ToolingU

Integrated Education Training Pathway Pre-apprenticeships



















Pathway Marketing

Digital

Marketing

Parent Newsletter

Open House Virtual Tours Website Creating Valuable Content
Infographics
Blog
Website



Internships
Job Shadowing
Guest Lectures
Job Services
DLI





















Want to learn more?

lblank@fvcc.edu















University of Montana Dual Enrollment





University of Montana Dual Enrollment

https://youtu.be/KGLeyfdXr1g





MSU Billings



Emergency Services Certifications

EMT and Wildland Firefighting

Kaili Payne, Director of Dual Enrollment Alan Lohof, Program Director and Instructor for Fire Science



Certifications

EMT

WILDLAND FIREFIGHTING

National Registry of Emergency Technicians *EMT-Basic National Wildfire Coordinating
Group Firefighter Type 2
*Incident Qualification Card, i.e.,
Red Card

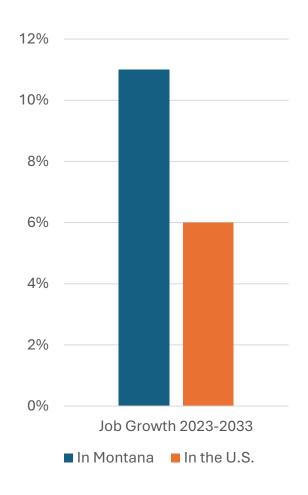


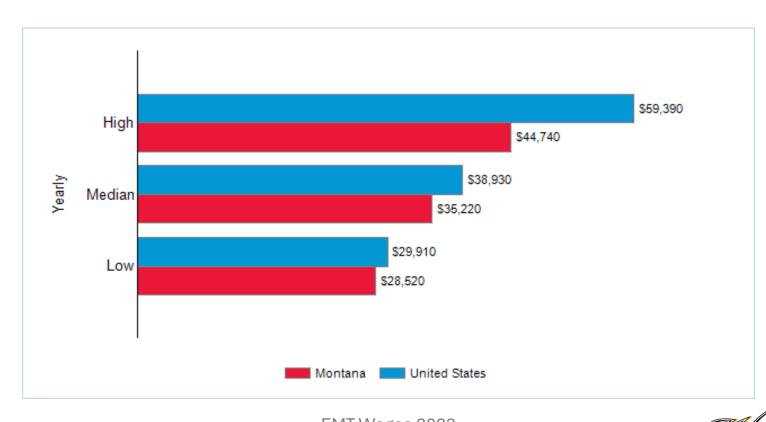
Emergency Medical Technician (EMT)

- ECP 291—Emergency Medical Technician
 - 6 credit class
- Red Lodge High School
 - One semester
 - 12 students
- Lockwood High School
 - Two semesters
 - 26 students
- Billings Career Center
 - Two semesters
 - 31 students



EMT Employment Trends



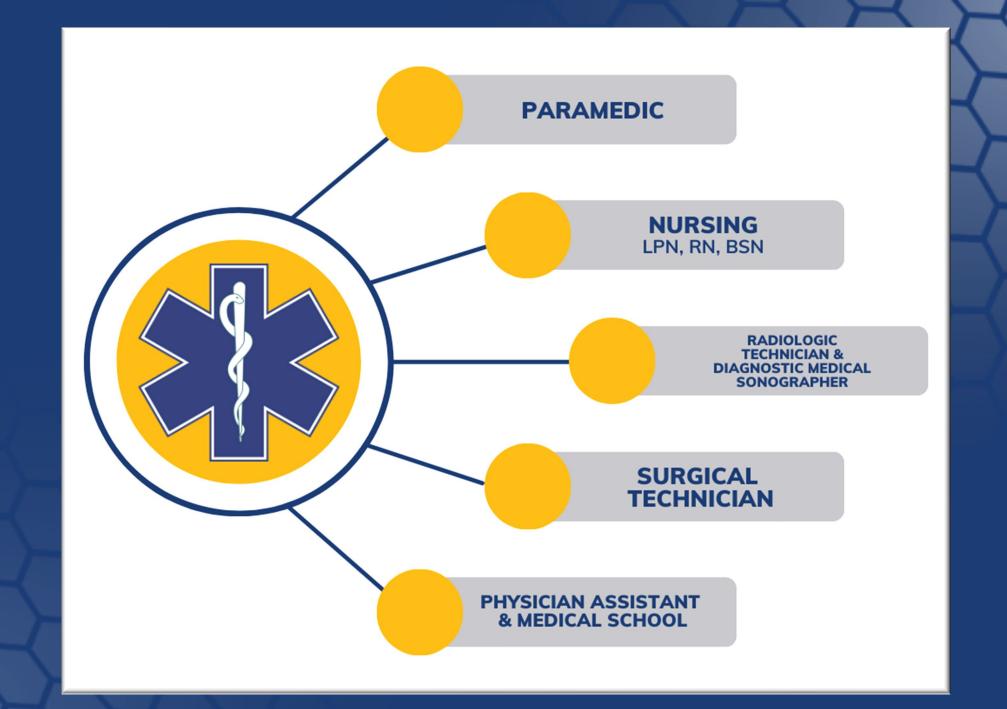


EMT Employment Opportunities

- Private Ambulance Services
- Fire Departments
- Police Departments
- Hospitals
- Clinics
- Allied Health Organizations

- National Parks
- Large Industrial Centers
- Contract Medic
 - Amusement Parks
 - Concerts
 - Large Hotels
 - Cruises
 - Festivals





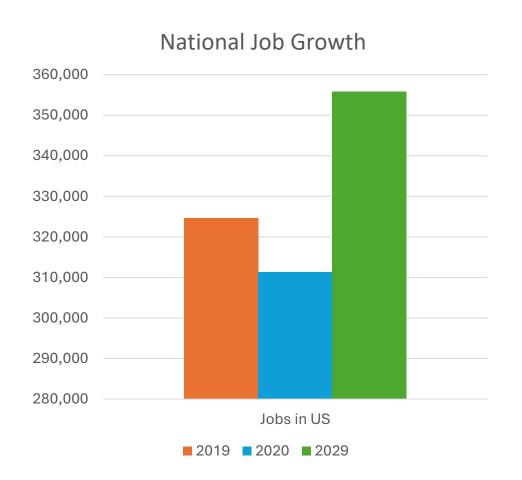


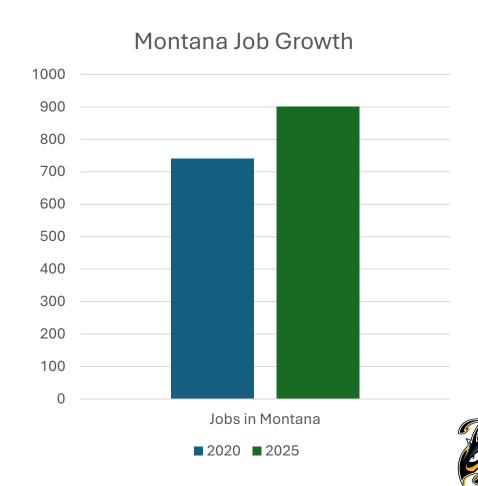
National Wildfire Coordinating Group Firefighter Type 2

- FIRE 106—Wildland Firefighting
 - 20-30 Students
 - Two Modalities
 - In-person
 - Online
 - Two Locations
 - City College
 - Red Lodge High School
- Completion of the National Wildfire Coordinating Group Modules
 - S-130 Firefighter Training
 - S-190 Introduction to Wildland Fire Behavior
 - L-180 Human Factors on the Fireline
 - ICS 100 Introduction to the Incident Command System
 - ICS 700 National Incident Management System, An Introduction
- Field Day



Wildland Firefighting Employment Trends





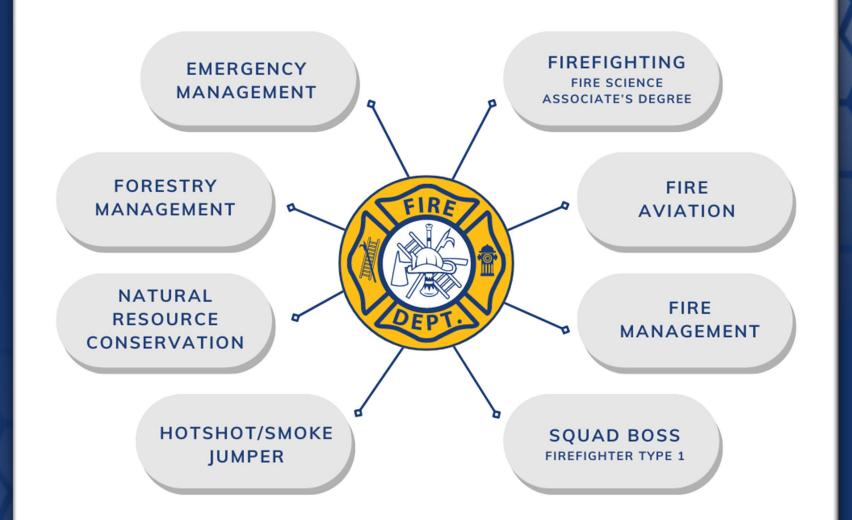
^{*}Data courtesy of recruiter.com, zippia.com, and Taig O'Donnell with the Bureau of Land Management

Wildland Firefighting Employment Opportunities

- Local Community
 - Volunteer and Paid Positions
- Montana Department of Natural Resources and Conservation
- U.S. Department of Agriculture Forest Services

- Department of Interior
 - Bureau of Indian Affairs
 - Bureau of Land Management
 - National Park Service
 - U.S. Fish and Wildlife Service
- Private Contractors











Field Day Spring 2024

Video filmed by Alan Lohof, City College & Greg Roper, Billings Fire Department



Be Brave. Be Bold. Lecome.

Kaili Payne kaili.payne@msubillings.ed Alan Lohof alan.lohof@msubillings.e





SNAP E&T

Mary Claire Houlihan, Project Director, Maximus



Introduction & Ice Breaker

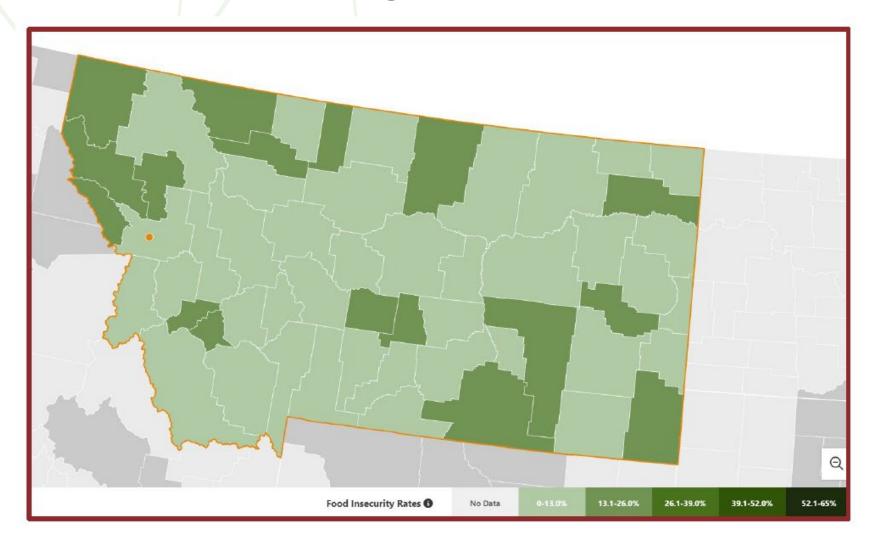
- Take 5-7 minutes at your table to discuss the following:
 - What is food insecurity? What challenges may an individual who is experiencing food insecurity face?
 - Have you ever encountered an individual (or been someone) who was experiencing food insecurity?
 - Are you familiar with the resources in your community that support individuals who may be experiencing food insecurity? Share them with your table.

According to the USDA...

- Food insecurity is an official term from the USDA. It's when people don't have enough to eat and don't know where their next meal will come from.
- An estimated 1 in 9 Montanans, including 1 in 6 children experience food insecurity. (Montana Food Bank Network)



Food Insecurity Rates Across Montana



Source: Feeding America https://map.feedingamerica.org/county/202 2/overall/montana



Montana's SNAP Program What is it?

- SNAP provides food benefits to lowincome families to supplement their grocery budget so they can afford the nutritious food essential to health and well-being.
- SNAP benefits are electronically transferred to participants via an Electronic Benefits Transfer (EBT) card.
- Participants use the EBT card, along with their personal identification number (PIN), to purchase food items from grocery stores, farmers' markets and other authorized food retailers.
- 79% of eligible Montanans utilize the SNAP program.

Who is eligible?

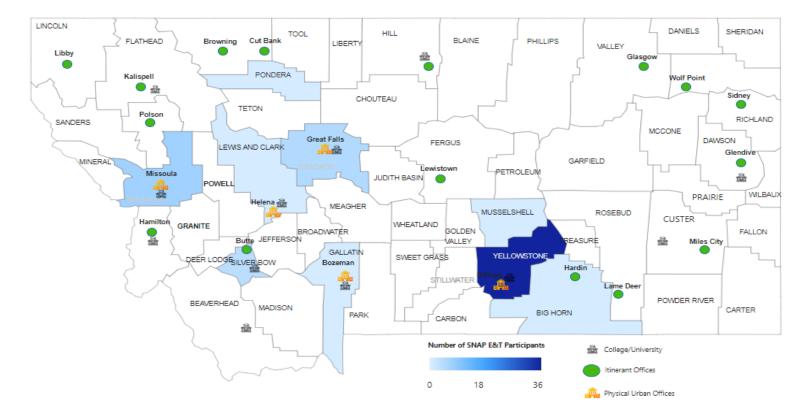
- People who live together and buy food and prepare meals together are grouped as a "household" for SNAP.
- Household members that wish to be included must be U.S. citizens or legal aliens.
- Household members that wish to be included must furnish or apply for a social security number.
- Income and resource guidelines listed in this overview must be met.
- Able-bodied household members who are age 16 through 59 must register for work and may be required to participate in a SNAP Employment and Training Program unless a specified exemption is met.

SNAP Employment & Training

- Funded by a grant with US Department of Agriculture (USDA), Food and Nutrition Services (FNS).
- Only assists SNAP recipients
- Focuses on Able Bodied Adults without Dependents (ABAWDS).
- Skills training, work, or experience that will increase a participant's marketability and ability to obtain a job
- Maximus operates the SNAP E&T program on behalf of the Department of Health and Human Services (DPHHS) across the State of Montana.

Counties Offering SNAP E&T

- Missoula
- Yellowstone
- Lewis & Clark
- Big Horn
- Deer Lodge
- Gallatin
- Silver Bow
- Cascade
- Flathead
- Lincoln



County	Count of SNAP E&T Participants
Yellowstone	36
Missoula	7
Cascade	5
Silver Bow	4
Big Horn	1
Gallatin	1
Lewis and Clark	1
Musselshell	1
Pondera	1
Total	57



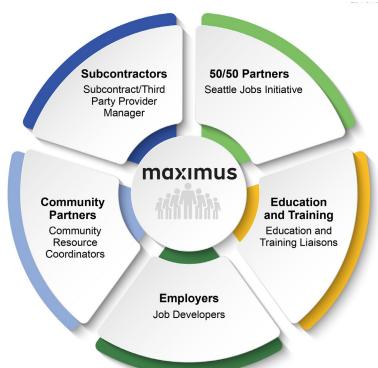
Counties with SNAP, Workforce, and Higher Ed Assets Each Have Food Insecurity Rates over 10%

County	Total Population	Food Insecurity Rate	% Below SNAP Threshold	% Above SNAP Threshold
Yellowstone County	170,843	10.50%	57%	43%
Missoula County	121,849	11.20%	64%	36%
Flathead County	113,679	10%	65%	35%
Cascade County	84,900	12%	65%	35%
Lewis and Clark County	75,011	10%	58%	42%
Silver Bow County	36,360	13.50%	68%	32%



SNAP E&T Program Model

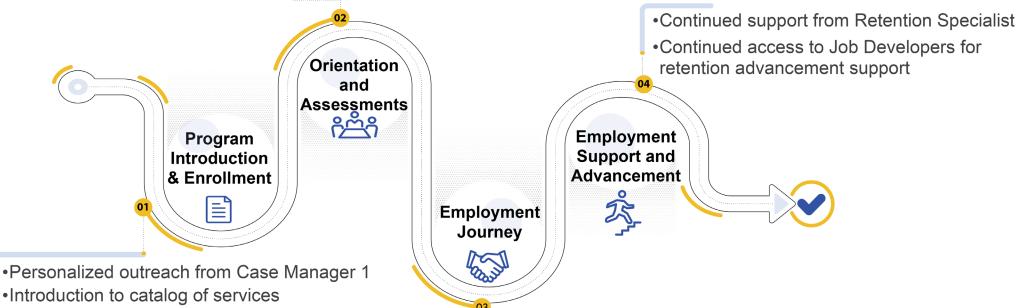




SNAP E&T Journey Overview

Journey Overview

- Generate participant buy-in to program
- Virtual or In Person meeting with Case Manager
- •Family Bridge Assessment and Getting to Know You
- Develop individualized E/SP or Work Plan



- TuaPath account creation and log in assistance
- •Establish preferred method of communication and participation
- Auto-Dialer and SMS Opt In

- Weekly check-ins with Case Manager
- Workshops and Training
- TuaPath tracking and reminders
- Access to Supportive Services
- Connection with local employers and community resources



Maximus Partnerships





What does it mean to be a 50/50 provider?

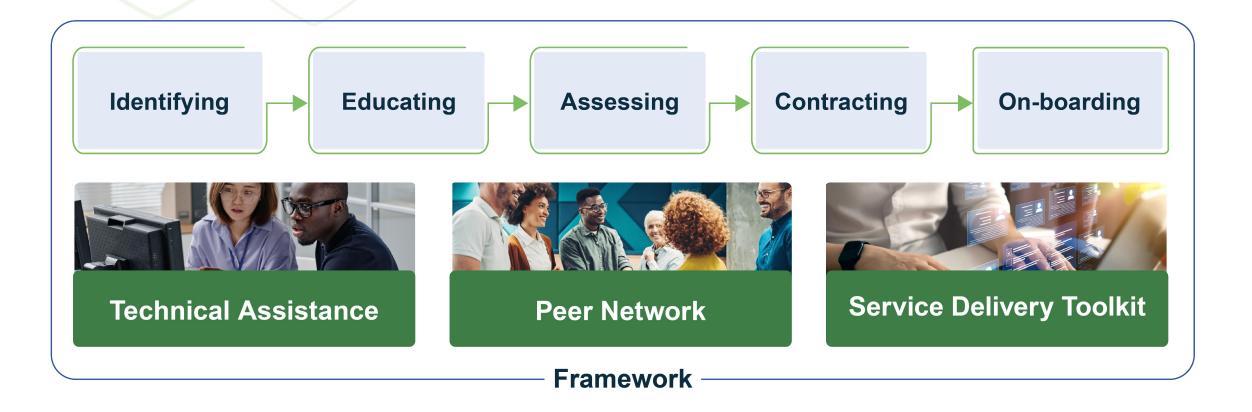
- FNS provides funds to each state to operate SNAP E&T programs
- Third-party providers are contracted to provide SNAP E&T services to eligible participants
- Providers use their own eligible funds to deliver SNAP E&T services, then receive up to 50% reimbursement (75% for Tribal Colleges)

50/50 Program Benefits

- Allows for rapid, short-term training for eligible participants that is funded in part by the Federal government
- Leads to expanded access
- Partial reimbursement for services being provided
- Financial support for students through E&T supportive service funds
- Wraparound services such as employment assessments, case management assistance, job search assistance, retention services, etc.



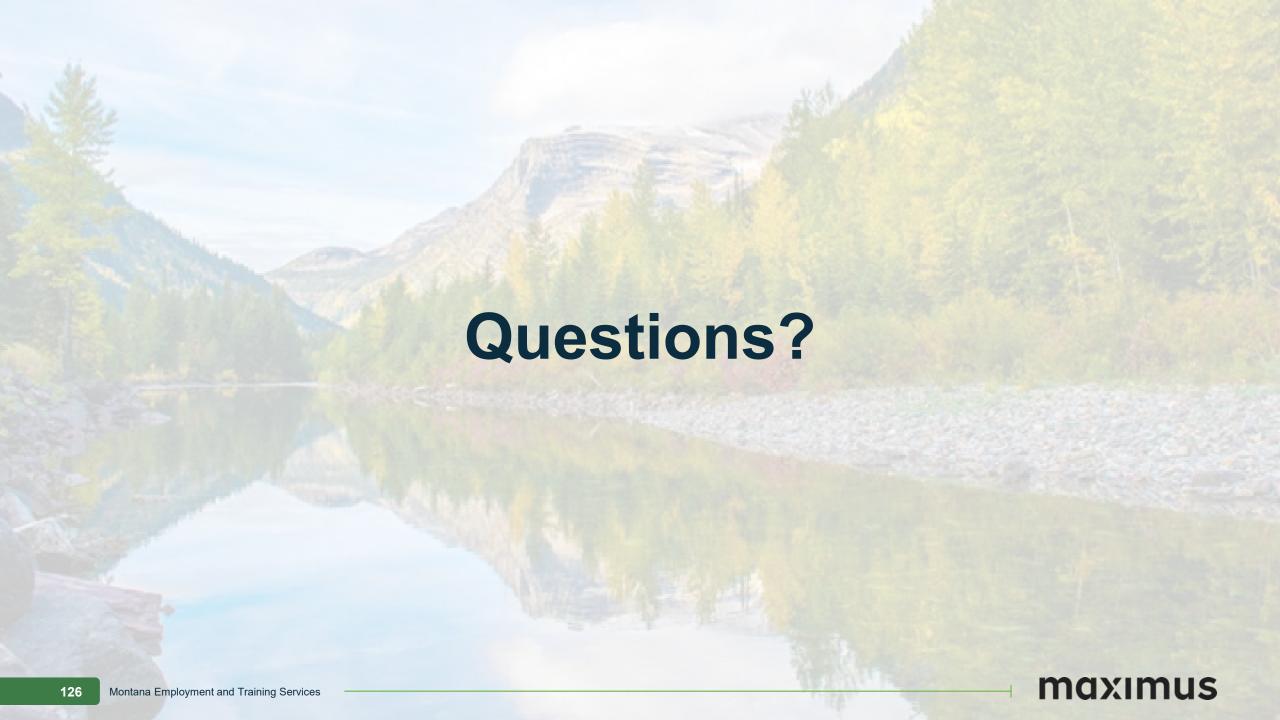
Establishing a 50/50 Framework



How does it work?

- Once an organization is an established 50/50 provider, they may start invoicing for services provided
- Invoices are sent directly to Maximus
- Up to 50% of funds are reimbursable for eligible participants







Sit with your Region





15 Minute Break



Table Work - Sit with your regions

A reflection of what students shared/beginning conversations with industry.

- Where to spend your energies and strategic planning?
- Who is going to champion this work?
- What is my role?
- How do campuses adjust their work to meet the changing college demographics?



Sticky Wall

Write one action step that you plan to take when you return to your community.



Lunch



Industry Connection Action Plan Development

Sit with your region

Goal: Develop a roadmap that identifies responsibilities/roles and outcomes that align with institutional goals.



Thank you for joining us and see you next year!



Safe travels!