

January 15, 2021

Ms. Brenda Erdoes
Director
Legislative Counsel Bureau
401 South Carson Street
Carson City, NV 89701 -4747

Dear Ms. Erdoes:

Pursuant to NRS 231.1513, the Governor's Office of Economic Development is to provide a report concerning programs of workforce development which receive money through Workforce Innovations for a New Nevada. The report is attached and covers the period of activity during January 1, 2019 to December 21, 2020.

Please feel free to contact me should you have any questions via email at sbostwick@diversifynevada.com.

Sincerely,



Stacey Bostwick
Director of Workforce Development

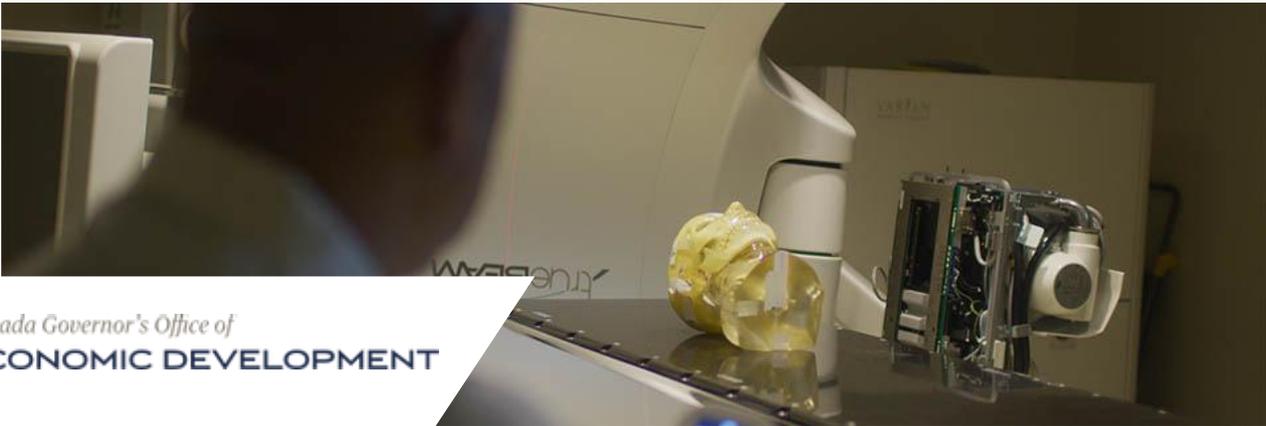
Attachment

cc: Michael Brown, Executive Director, Governor's Office of Economic Development
Bob Potts, Deputy Director, Governor's Office of Economic Development
Susan Brown, Director, Governor's Finance Office
Shauna Tilley, Executive Branch Budget Analyst, Governor's Finance Office

2021 Biennial Report



Workforce
Innovations for a
New Nevada



Nevada Governor's Office of
ECONOMIC DEVELOPMENT

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WINN Strategy

Nevada Governor's Office of

ECONOMIC DEVELOPMENT

Building on a WINN-ing Strategy

In 2016, the State of Nevada established a program known as Workforce Innovations for a New Nevada (WINN) to arm employers with skilled employees. WINN represents the first workforce development training program of its kind in Nevada and is administered by the Governor's Office of Economic Development (GOED). The overarching purpose of the WINN fund is to support Nevada's economic development through implementation of workforce development programs that prioritize the recruitment, assessment and training of a highly skilled workforce.

This fund makes critical strategic investments in industry partnerships to ensure that new and existing businesses in Nevada will be able to recruit and retain qualified employees. The funding is uniquely positioned to support accelerated solutions essential to growing a knowledge-based economy for all Nevadans, resulting in nearly 2,000 residents gaining quality high-skill job training in targeted industry sectors, including information technology, mining, advanced manufacturing, logistics and healthcare. More information can be found at: <https://goed.nv.gov/programs-incentives/workforce-development/winn/>.

WINN has been deployed to support the needs of industry, in both localized strategy and statewide approaches, to leverage existing workforce development frameworks to provide wraparound services and sustainable pipelines, to collect data and share best practices for new economic models and to generate additional Federal investments in Nevada's workforce development efforts. Since its inception, the GOED Board and leadership have approved nearly \$11 million in WINN project funding – a significant State investment that is shaping new workforce training options, as a catalyst and accelerator to formal pathways of workforce development mechanisms.

A recent Brookings brief suggests that equipping our workforce with in demand skills has never been more urgent than now, in the midst of a pandemic and in the face of an acceleration towards automation. GOED's WINN fund is situated well in the space of supporting new workforce training options that provide skills valued and needed by our employers. (*Preparing U.S. Workers for the Post-COVID Economy Report* retrieved from <https://www.brookings.edu/research/preparing-u-s-workers-for-the-post-covid-economy-higher-education-workforce-training-and-labor-unions/>) Funded projects will create pathways to family supporting careers for Nevadans needing to reskill as a result of structural shifts in our workforce and economy.

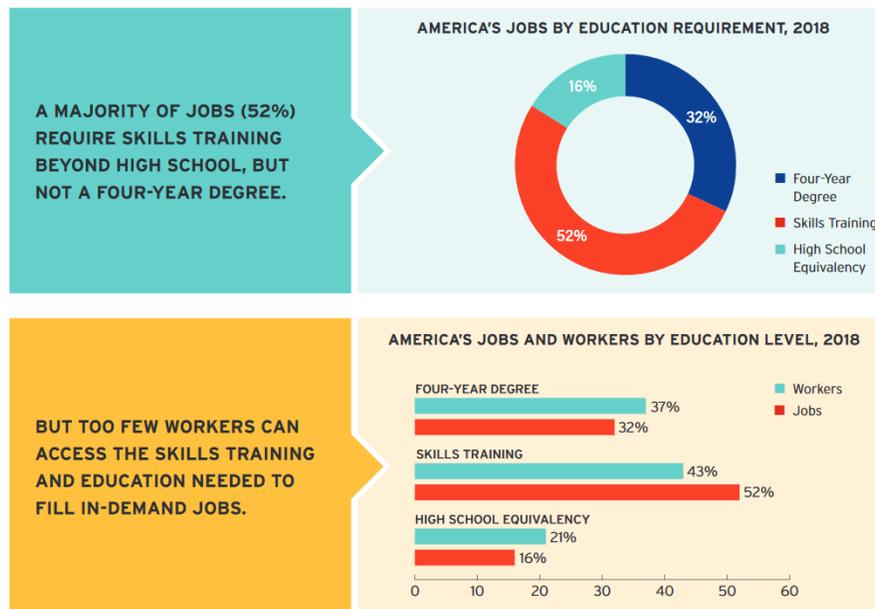
Project applications are accepted year-round, and must align with the State's Economic Development Plan and the WIOA Unified State Plan to prioritize workforce shortages identified therein. While labor market data may not be perfect, it is a strategic foundation that provides indicators of skill shortages, educational trends and potential for real benefits to students and the economy. The funded projects model and expand on public-private partnerships with industry, to produce long-term solutions based on identified needs.

GOED will continue to administer the fund to promote the growth of programs to train Nevadans in high-wage, high-skill opportunities for all Nevada businesses to support to innovative industry-led partnerships, to construct pathways and programs that do not exist and further facilitate the reskilling and upskilling of the State's ready and willing workforce.

Industry-Led Training Model

Success in WINN projects stems from robust round-robin relationships among industry partners, educational providers and supporting community agencies. WINN can move the needle on the volume, pace and creation of innovative training programs, but it cannot be done without effective program design and integration into existing workforce development strategies and partnerships. In that vein, WINN projects are a coordinated effort across Agency stakeholders including GOED: Nevada System of Higher Education (NSHE), the Nevada Department of Employment, Training and Rehabilitation (DETR), and the Governor's Office of Workforce Innovation (OWINN). These partners convene on several workforce strategy projects, including joint Demand Occupations reports, Sector Council Labor Market data, GOED's Learn and Earn Advanced Career Pathways (LEAP), New Skills for Youth Grant, LifeWorks – all of which inform the direction of WINN investments.

Labor market data in Nevada continues to point to the need to address high demand skilled occupations that may not require a 4-year degree, or where short-term certificates will deliver the necessary upskill. WINN projects addressed these needs with new workforce training offerings in the Manufacturing, Logistics, Mining, Information Technology and Healthcare sectors. It is also imperative to consider the impact of credentials across disparate industries, where increased skills through short-term trainings create value for both the employer and participant. Additional programs in the Information Technology and Healthcare sectors have been supported in WINN, to deliver advanced skills to degreed individuals to meet these high-skill demands. The diagram below comes from National Skills Coalition efforts to quantify gaps in skills and access to skilled training in *Skills Mismatch* (<https://www.nationalskillscoalition.org/wp-content/uploads/2020/12/US-Skills-Mismatch-Fact-Sheet-2020.pdf>).



As a result of their participation in any of the WINN project models, employers here are seeing an increasingly steady pipeline of candidates with in-demand skills to consider for hire, thus decreasing screening, interviewing, and training costs and also reducing worker turnover. In turn, Nevadans gain access to education and skills needed for career advancement and self-sufficiency.

Unlocking Additional Federal Investments

The Federal government supports Employment & Training (E&T) Programs for recipients of Supplemental Nutrition Assistance Program (SNAP, formerly known as food stamps) through a handful of funding streams. One such source is known as 50/50 reimbursement funding where the federal government reimburses 50 percent of training and supports related the SNAP E&T activities when state, local or private resources are utilized in lieu of federal dollars. The reimbursement enables the expansion of opportunities as well as the room to innovate with unrestricted funding. In addition to identifying existing state funding within the Division of Welfare and Support Services (DWSS), GOED's WINN Fund provides a singular opportunity in the training and employment support ecosystem to unlock this federal funding in Nevada. It is also an example of a system-wide strategy to broaden skills development within the SNAP recipient population to align with high-growth and high-wage opportunities.



WINN project applications address plans to engage recipients of public assistance into workforce training programs and two pilot programs were funded through WINN targeting SNAP E&T program participants. GOED has made a concerted effort to connect each approved project with DWSS to close the loop and support the expansion of the SNAP E&T 50-50 funding in Nevada. Nearly 200 recipients of public assistance obtained skilled training through one of the WINN projects funded in 2019 or 2020 and data indicates that they complete certificate or credential programs at a higher rate than their peers and experience similar retention rates as their peers in degree programs. According to the Center on Budget and Policy Priorities, SNAP participants experience volatility due to low-wage jobs they often find themselves in. Our experience where SNAP participants are integrated into skill broadening and responsive training has shown placement in jobs with a starting average wage of \$20 per hour and can generate additional resources to expand opportunity and innovation in workforce training in Nevada.

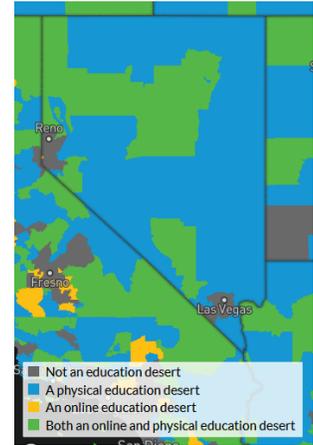
Access to Training

A key facet to WINN is ensuring that programs receiving funding have a clear plan in place to ensure all Nevadans can benefit from participating in the program, including those with barriers to employment. While WINN's main purpose is to deliver a skilled workforce to facilitate the success of Nevada's businesses, it must be done in a way that ensures economic mobility for all and makes strides in aligning the skill levels of Nevadans with the needs of industry. Expanding economic opportunity is more critical now than ever as we recover from the pandemic.

The plan each WINN project must submit is commonly referred to as the Workforce Diversity Action Plan. The application process specifically requires partners discuss plans to engage and serve: Veterans, Gender (with respect to non-traditional employment), Race/Ethnicity, Recipients of Public Assistance, Returning Citizens, and Persons with Disabilities. Data from the 2019-2020 projects broadly indicates that WINN projects have increasingly and effectively engaged diverse participants in training programs, including recipients of SNAP or other public assistance. Over 40% of female trainees in WINN projects were pursuing skills in an occupation not traditionally pursued and nearly half of all trainees were identified as a person of color. As is expected in effective service delivery models, WINN will continue to support the

inclusion of all Nevadans in training projects, focusing on opportunities to complement services and avoid duplication of workforce or related programs.

An additional consideration in terms of access to skills training revolves around digital or online learning and rural education deserts. Much of Nevada is identified as either a physical higher education desert or a physical and online education desert by the Urban Institute (<https://www.urban.org/urban-wire/three-million-americans-are-disconnected-higher-education>). WINN has supported the development of several online training programs to increase access to needed skills statewide, as well as a Mobile Lab model that offers didactic training to round out online preparation and theory. The model offers portable, just-in-time skills where and when they are needed in rural Nevada. While online learning has been accelerated during the pandemic and certainly increases the availability of some valuable skills training, broadband access still depends on geography and many skills still require in person training. Almost \$2 million in WINN investments have made additional workforce training available in rural parts of the State.



Accountability

While each WINN project provides specific goals and outcomes in their program description, GOED also ensures the grantees have a mechanism to report mandatory elements according to NRS 231.1513 including expenses, number of persons trained, number of persons employed by participating businesses, average wages of those hired and workforce diversity action plan activities. The grantees are also supplied with the tools to gain permission and collect this data, from participants and employers alike.

Grantees are required to submit this data on a quarterly basis to GOED. Staff evaluates applicant and trainee level data, including demographics and the outputs for each program to determine if they are demonstrating satisfactory progress. This evaluation can also identify areas for improvement or the need for staff support. In the event a program is not meeting its benchmarks, GOED will provide notice of non-performance and work with the Grantee towards a solution through corrective action.

The outcomes reported by the grantee and subsequently compiled for this Biennial report capture results known to the educational provider. Many of the current grantees have reported having knowledge of additional positive outcomes but have encountered difficulty in collecting that data from the participants of their programs and the business partners benefiting from the training programs. In the spirit of continuous improvement, GOED is consistently looking at ways to improve reporting structures, to empower the educational institutions and better define the impact of each project.

Funded Projects

Nevada Governor's Office of

ECONOMIC DEVELOPMENT

Project Summaries

A total of nineteen (19) projects have been approved for WINN funding since 2016, for a total of \$10,608,014.07 in obligations. Following this project timeline is a summary of projects awarded WINN funding who were active during the period of January 2019 through December 2020. Outcomes reported capture program activities through September 30, 2020.

2016		2017				2018				2019				2020			
Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
CSN - Faraday Future - Phase I																	
		TMCC - Northern Nevada Advanced Manufacturing Initiative - Phase I															
		TMCC - NNAMI - Phase II															
		CSN - Southern Nevada Advanced Manufacturing Initiative - Phase II															
		TMCC - NNAMI - Phase III															
		Udacity - Software Development															
		WNC - Northern Nevada Advanced Manufacturing Initiative															
		TMCC - NNAMI - Phase IV															
		WNC - SNAP Participant Pilot - Phase I															
						TMCC - SNAP Participant Pilot - Phase II											
						WNC - SNAP Participant Pilot - Phase II											
						CSN - Health Technology											
						UNLV - Health Technology											
						TMCC - Data Analytics											
						TMCC - Re-Entry Initiative - Phase I											
						GBC - Diesel Technology											
						Nevada Technology Academy - Cybersecurity											
						Nevada Technology Academy - IoT Specialist											
						CSN - Point of Care Ultrasound											
						GBC - CDL Program											
						Touro - Disaster Response & Preparedness											
						TMCC - Re-Entry - Phase II											
						UNLV - Nurse Educator, Population Health and Leadership											
										WNC - Mech Tech Mobile Lab							
														CSN - Advanced Manufacturing Expansion			

College of Southern Nevada Manufacturing Skills Training Program

Initially funded to support the increased demand for Advanced Manufacturing jobs in southern Nevada with the advent of Faraday Future, CSN partnered with the Clark County School District and area employers to develop a workforce training partnership that affords both High School students and adult community members access to the skills needed for this emerging field. All students were trained at SECTA and Desert Rose HS for the hiring needs of several employers, including: TIMET, Sunshine Mint, Clearwater Paper, Mars Foods and more. According to the BLS, average annual salary in Nevada in this sector is approximately \$38,000.

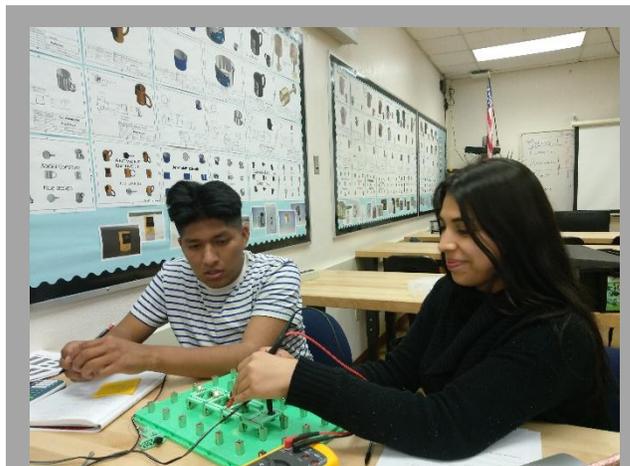
While the HS component is offered as both CTE and JumpStart dual enrollment programming, CSN has deployed a 12-week long open entry Skills "Boot Camp" to provide a comprehensive foundation including manufacturing, logistics, pneumatic, hydraulic and industrial motors training, basic electricity preparation and an introduction to robotics. CSN has leveraged this work into education pathways and apprenticeship models, launching a partnership with TIMET. The funding to launch this effort ended June 30, 2019.

Outcomes through 6/30/19

159
Obtained
Training

12
Obtained
Employment
after Training

\$21
Average
Starting
Wage



I've always been handy, and this program gave me the skills for a career I can continue when I am 70. The teachers were amazing and the class size allows for personal attention. – Norman Vice, CSN MSTP Graduate

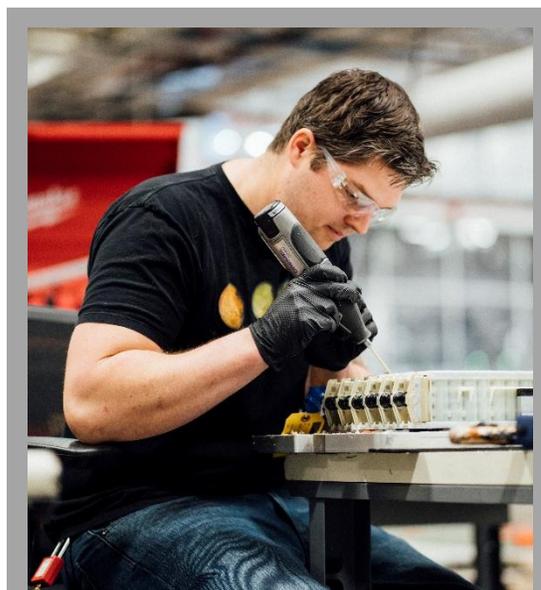
A recent new hire was able to participate in the MSTP curriculum. Thanks to the training he received at CSN, he is already well on his way to a successful career as a steam plant operator. It is so great to see the positive results already achieved. The Gateway Program helps fill the gap in manufacturing-based training and will attract businesses with good paying career opportunities to Nevada by creating a workplace ready workforce. – Tommi Ann Bryan, Senior HR Representative, Borman Specialty Materials

Truckee Meadows Community College Advanced Manufacturing Initiative

Starting in January 2017, TMCC was awarded 4 rounds of WINN funding to build out a modular, self-paced, open entry/exit Advanced Manufacturing training that was central to regional workforce development and upskilling to meet the needs of area companies such as Panasonic, Tesla, Hamilton, Clasen Quality Coatings, Click Bond, Mary's Gone Crackers, Pacific Cheese and more. According to the BLS, average annual salary in Nevada in this sector is approximately \$38,000.

TMCC received over \$500,000 through WINN to enable increased technical capabilities, positioning the program to offer high level training needed by employers.

With their funding, TMCC provided training to both the un- and underemployed prospective workforce, and current team members with the employer partners seeking to advance their skills and accelerate their careers in Advanced Manufacturing. This project was extended for 12 months in the current Biennium to facilitate program completion of participants in progress.



The Gigafactory Training Gateway gave me the opportunity to advance my skillset since everything I learned from the labs at TMCC was applied on the job immediately. It made me more eager to learn about manufacturing since the coursework has a direct correlation to my impact on the job. - George Stewart, pictured here at work for Tesla

Tesla is incredibly excited to share the results of our Gateway Scholarship Program. This opportunity has allowed Tesla team members to expand their skill sets, advance their careers and increase critical expertise at the Gigafactory. We're thankful to everyone that played a role in creating and completing the program. - Chris Reilly, Tesla at February 2020 Graduation event

Outcomes through 6/30/20

668
Obtained
Training

89
Obtained New
Employment
484
Upskilled

\$20.25
Average
Starting
Wage

Western Nevada College Advanced Manufacturing Initiative

WNC joined the Advanced Manufacturing Initiative efforts by GOED with the receipt of WINN funding to offer Technician level training as part of the Gigafactory Training Gateway to help prospective members of the Tesla workforce and current production associates advance their skills and careers in the field. According to the BLS, average annual salary in Nevada in this sector is approximately \$38,000.

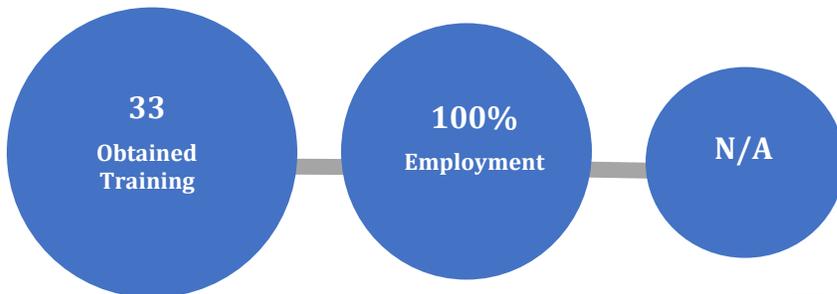
WNC was funded to offer training to 40 individuals and received nearly \$60,000 through WINN to enable increased technical capabilities, positioning the program to offer high level training needed by employers.

With their funding, WNC primarily provided training to existing Tesla employees with staff on-site at the facility to offer access and information about the program on a regular basis. The funding to launch this effort ended June 30, 2019.



Looking back, I am amazed by what we were able to do and what we learned in this program. It was well-structured with plenty of hands-on activities that reinforced the lessons we needed to know to advance our careers. I can say with absolute confidence that the foundation was essential in getting us all to this level of achievement. – Michael Lamendola, Process Technician at Tesla and WNC Graduate, pictured here (R) with fellow Mechatronics students Cody Broon and Jared Lyon.

Outcomes through 6/30/19



**N/A indicates that the educational provider was not able to obtain this information to be able to report.*

Steve Sisolak, Governor
Michael Brown, Executive Director

Empowering Success

Western Nevada College

SNAP Pilot

This project was funded to afford career development opportunities in high-growth and high-wage industries to Supplemental Nutrition Assistance Program (SNAP) recipients, specifically providing access to stackable advanced manufacturing industry certificates.

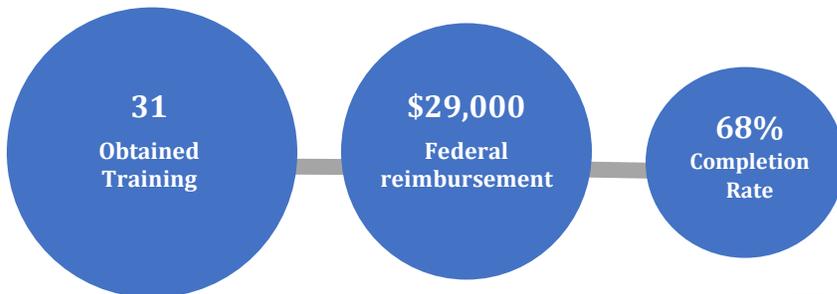
WNC received two phases of funding under this Pilot initiative with the goal of training 45 DWSS referrals who are recipients of SNAP assistance. The SNAP Pilot creates the opportunity to unlock substantial federal reimbursements, creating a stream of flexible funding to reinvest and grow programs.

With this funding, WNC provided additional teaching support to students accessing the certificate training and has worked with DWSS to ensure that barriers students face while in training are addressed with wraparound support services. The funding to launch this effort ended June 30, 2019.



According to FY16 Health and Human Service reports, recipients of Public Assistance are likely to have High School education, but only 13% have education or vocational training beyond HS.

Outcomes through 6/30/19



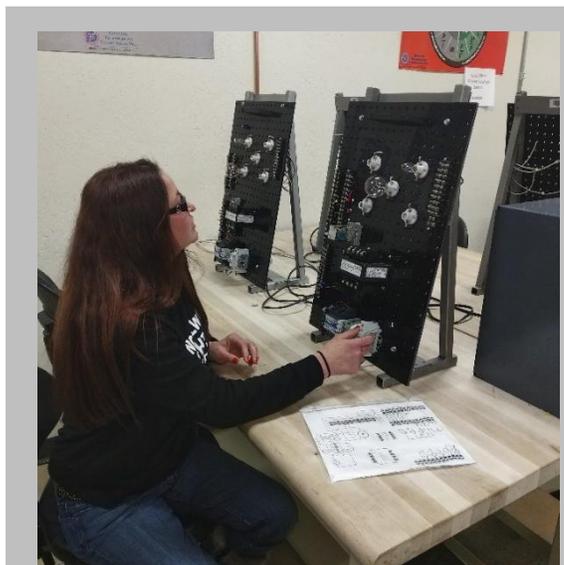
Truckee Meadows Community College

SNAP Pilot

With high initial demand to access the WNC Pilot, TMCC received WINN funding to offer additional career development opportunities to SNAP recipients seeking access to skilled career opportunities in advanced manufacturing. With their funding, TMCC provided SNAP recipients the opportunity to gain industry certificates and 10 credits towards an AAS degree at TMCC. Over half of the graduates obtained employment in the first 12 months of this pilot.

With the expansion, NSHE also received funding to conduct formal analysis of the impact of these Pilots. The funding to launch this effort ended June 30, 2019.

Work at the Barnes & Noble Distribution Center requires attention to detail and the ability to work with technology. Nicole has displayed these skills and to the extent that she has learned them at TMCC, we are benefiting from the training that she is receiving. We are always looking for skilled employees to work at the distribution center and would be happy to hire graduates from the ... program in the future. – Diana Patnaude, Line Supervisor



I completed the M1 Material Handler program at TMCC, and I find that the coursework directly relates to my job at Barnes & Noble. I would like to make an impact there and without education I would not have that opportunity. I would definitely recommend the program because there are so many opportunities for manufacturing. I would highly recommend learning more about a job that seems simple at the surface, but is more complex once you learn the hows, whys and whats. – Nicole Tharp, TMCC SNAP Pilot Graduate

Outcomes through 6/30/19

27
Obtained
Training

\$75,000
Federal
reimbursement

\$16.20
Average
Starting
Wage

Truckee Meadows Community College Re Entry Initiative

This pilot initiative received funding to deploy a career development program for individuals involved in the justice system in northern Nevada. Participants gained access to stackable certificate programs in Manufacturing and Logistics after completing multiple soft skill and readiness training programs, including Getting Ahead by Bridges out of Poverty and computer skills and financial literacy. In doing so, participants of the Re Entry program acquire the skills for higher wage employment opportunities with partners such as Quality Plastic Products, High Mountain Door and Trim, and Reno Custom Crating at an average wage of \$15.24 per hour.

TMCC received 2 rounds of funding to expand the program to a second cohort including female offenders. The Initiative utilized strong referring agency partnerships, including Washoe County Alternative Sentencing-Sober 24, Judge Pearson's Community Court, Northern Nevada Transitional Housing and the Nevada Department of Public Safety's Division of Parole and Probation. The funding to launch this effort catalyzed State support for an FTE at TMCC and ended June 30, 2019.



This program guided me to my passion and gave me the roadmap of how to get there. They opened my eyes to the possibilities; they allowed me to believe. I am confident in myself and will use this opportunity to continue to open doors and complete a degree in Automation at TMCC. – Justin Booth, 2018 graduate

The skillset is always challenging to get qualified applicants – with the right training, I don't have to spend as much as time training as an employer. We hired one gentleman from program – very good tech in short amount of time. That was the start of our partnership. The program requires effort on all parties; I enjoy seeing them get better and confidence grow as they come along. – Spencer Phungphiphadhana, Owner, Desert Air

Outcomes through 6/30/19

80
Obtained
Training

24
Obtained
Employment
after Training

\$15.18
Average
Starting
Wage

College of Southern Nevada & University of Nevada – Las Vegas

Health Technology & Pathways Program

This project is jointly delivered by CSN and UNLV to both increase on-ramps into healthcare professions and also infuse new certificate training in the technology skills needed by NV employers, including partners BrightStar Home Health Care, Hallmark Home Care, Homewatch Caregivers and Home Care Assistance. The average wage for entry points in the health care field are \$15.00 per hour.

Prospective employees have access to a Home health Aide entry point or CNA entry point and then matriculate to technology training. The project also supports creating accessible program with online conversions of coursework and expansion of clinical training sites.

This project's efforts to formally incorporate technology for health into workforce training systems is especially critical as they bridge the gaps in health care delivery systems. Undertaking this effort will improve health outcomes in Nevada and make strides to control costs. The funding to launch this effort ended June 30, 2019.



I pursued this training to get into the healthcare field after completing my GED at CSN. I want to focus on a career and this program gets me going with opportunities to jump up. The training covered everything I needed to know and was connected to industry. I am thankful for the opportunity. – Marlene Macaraig, Home Health graduate

Outcomes through 6/30/19

248
Obtained
Training

29
Obtained
Employment
after Training

\$10.97
Average
Starting
Wage

Truckee Meadows Community College

Data Analytics Program

This project enabled the development of an online training solution to impart skills on the latest tools and technology for prospective data analysis professionals. The project is supported by the workforce needs of Lift361, Grand Rounds, Renown Healthcare and Tickaflix, with jobs at an average wage of \$35 per hour.

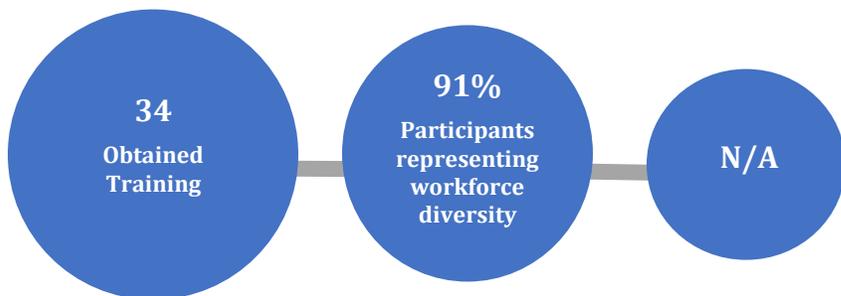
The 100-hour Certificate Program is delivered exclusively online making the “practice-based course” accessible 24/7. The certificate is comprised of 3 classes that impart skills in Analytics, Analytical Programming and Data Visualization. TMCC completed targeted outreach statewide to offer this novel training.

One employer partner immediately saw the value of the program and coordinated an incumbent worker training partnership with TMCC outside of the WINN grant. The funding to launch this effort ended June 30, 2019.



Robin Copeland worked for eight years as a nurse before cancer changed her life. “I couldn’t physically lift patients anymore,” she said. “I saw a job posting that was looking for someone to analyze the data from oncology charts—but the position required that applicants have knowledge of data analytics. That sounded interesting to me, but I didn’t have the skill set to apply.” Copeland thought the new TMCC program offered her a way to use her previous knowledge of the medical field in a new way. “I’ve actually always loved organizing data,” she said. “I love excel spreadsheets and lists.”

Outcomes through 6/30/19



... graduates with basic Data Analytics and computer programming skills will find excellent job opportunities in the coming years. We will be interested in interviewing graduates with these skills. – Ben Ryugo, Director of Analytics, Grand Rounds

**N/A indicates that the educational provider was not able to obtain this information to be able to report.*

Great Basin College

Diesel Technology Program

This project funding expanded a long-standing successful industry-based multi-year program to Ely, Nevada to offer local talent the opportunity to develop Diesel Technology skills for the hiring needs of regional employers, including: KGHM Robinson and Wheeler Machinery. The wage range for these opportunities was \$63,000 per year.

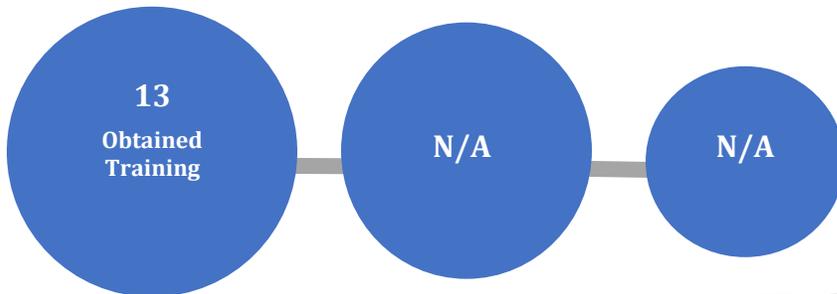
GBC partnered with White Pine County School District to utilize a CTE classroom at the High School and will co-enroll both upper class students in the HS and members of the community for the program starting in January 2019.

The local and state demand for this skill set is high and this program expansion is a critical investment in ensuring rural Nevada's capacity to develop homegrown talent. Local employers are committed to financially supporting the program following GOED's investment. The funding to launch this effort ended June 30, 2019.



This collaboration by so many interested and vested representatives along with the Governor's Office Economic Development's funding will allow local business to "Grow Our Own" diesel mechanic program graduates and assist us with meeting our employee skills gaps as the economy continues to grow. We believe many of these graduates will remain in their community where they grew up and where they can have a good paying career. – Kim Kammerer, Robinson Mine KGHM

Outcomes through 6/30/19



**N/A indicates the educational provider was not able to obtain this information to be able to report or students remain in progress.*

Multnomah University – Nevada Technology Academy CyberSecurity Program

This project funding catalyzed a new CyberSecurity Specialist Certificate program at Nevada Technology Academy. The two-year program includes 43 units of coursework delivering the essential facets industry employers such as Blackridge Technology and NV Energy require for professionals in their operations, with average wages of nearly \$100,000 per year.

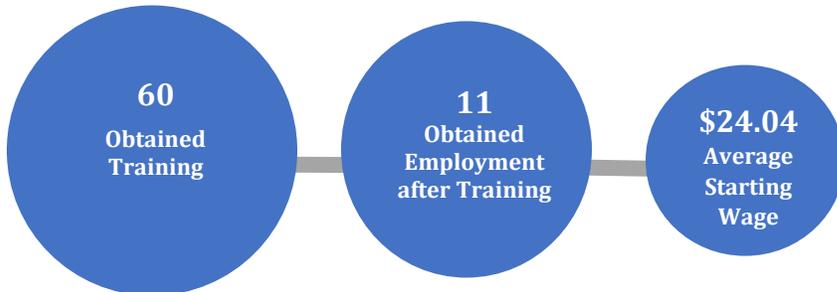
Through almost 2 years of funding, the program enrolled 2 cohorts and graduated one class of CyberSecurity Specialists. As with many workforce training programs in the State, Nevada Technology Academy had to adjust their delivery models due to restrictions in response to the public health emergency. Their adjustments and supports enabled continuity in the pipeline to supply talent critical to this industry.

This project was extended for 14 months in the current Biennium to facilitate program completion of participants in progress.



My time spent at Nevada Technology Academy has been nothing short of exceptional. The education I have received exceeds my expectations and is leagues more affordable than any technology academy I researched. In these times of COVID-19 and remote learning, the administrators and instructors have gone above and beyond to ensure we still receive the kind of education we have come to expect. – Charles Gray, Cybersecurity Student at Nevada Technology Academy

Outcomes through 8/31/20



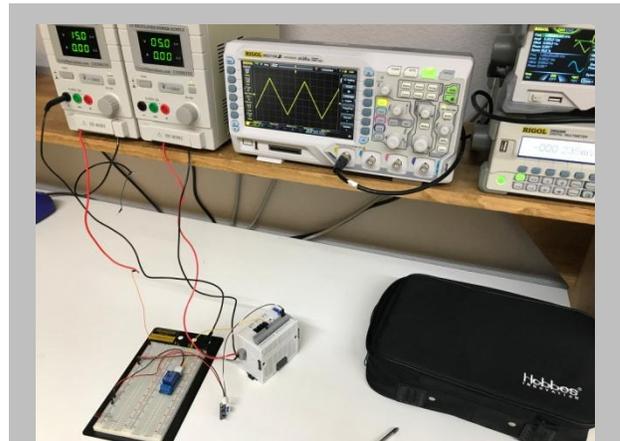
Multnomah University – Nevada Technology Academy

Internet of Things (IoT) Program

This project funding catalyzed a new Internet of Things (IoT) Specialist Certificate program at Nevada Technology Academy. The two year program is a first for Nevada, and includes 50 units of coursework designed in partnership with industry employers AMI Global, Filament, Simple Sense, GeoTraq, Breadware, Elemental LED, GroupGets, and Nevada Nano. The average expected wage for persons with this training is approximately \$75,000 per year.

As with many workforce training programs in the State, Nevada Technology Academy had to adjust their delivery models due to restrictions in response to the public health emergency. Their adjustments and supports enabled continuity in the pipeline to supply talent critical to a growing berth of industry partners.

This project was extended for 18 months in the current Biennium to facilitate program completion of participants in progress.



We are unbelievably excited for the opportunity to work with the students that come out of the IoT curriculum and are ready to jump into our ever-changing / fast-paced world of connected product development. It will be invaluable for Breadware to have local access to an eager workforce that is up-to-date and confident with modern technology tool sets for IoT product development. - Daniel deLaveaga, Co-Founder of Breadware

Outcomes through 9/30/20

42
Obtained
Training

8
Obtained
Employment
after Training

\$19.35
Average
Starting
Wage

College of Southern Nevada

Point of Care Ultrasound (POCUS)

GOED provided funding to CSN to develop a first in the state training for paramedic students and professionals on portable ultrasound machines. The emerging technology and skill improves pre-hospital care, triage capability and real-time communication of patient information to emergency care teams. The training has been designed to address new pre-hospital clinical care models in both Nye and Clark County. The average expected wage for persons with this training is approximately \$40,000 per year.

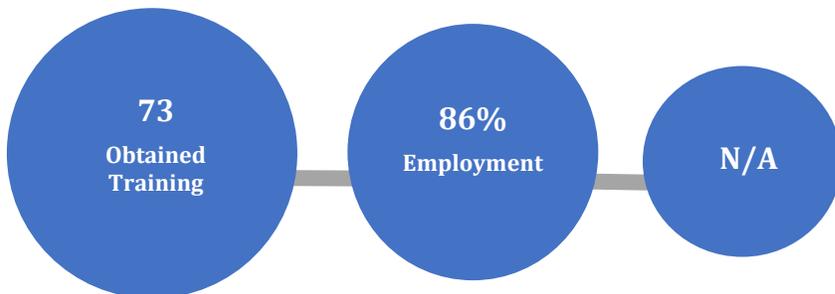
With this award, CSN received the funds to accelerate faculty "Train the Trainer" professional development in partnership with VHS GME and workforce training for students enrolled in Certificate and Associates programs. The training will be embedded into the program following this initial push and the trained faculty will ensure sustainability. The funding to launch this effort ended June 30, 2019.



Innovation in the pre-hospital setting is quickly becoming the norm throughout the country. The failure of adequate triage, unnecessary transfers, and delays in care especially in the rural setting not only cost the state of Nevada, but also affect patient outcomes.... As such, we expect our transport providers in Nevada to provide innovative care to patients they bring to us. This includes new training in approaches to care that reduce costs and improve the quality of care.

– Saju Joseph, MD FACS, General Surgery Residency Program Director at Valley Health System

Outcomes through 6/30/19



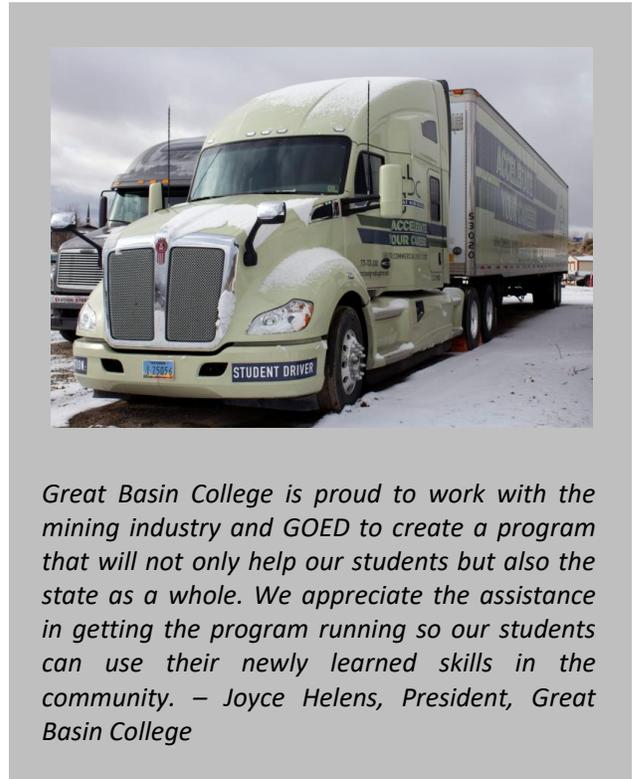
**N/A indicates that the educational provider was not able to obtain this information to be able to report.*

Great Basin College

Commercial Driving (CDL) Program

This project provides resources to a consortium of industry partnering with GBC to start a CDL program accessible in rural Nevada. The closest training programs that are available to the area are located in Sparks, Reno, Las Vegas, or out of state in Salt Lake City, Utah. GBC has worked with local employers and partners including Barrick Goldstrike, Mines, Inc., Savage Services, Corp., and Pilot Thomas to review the curriculum and design of the training. The average expected wage for persons with this training is approximately \$60,000 per year.

With this award, GOED supported the purchase of a new truck, and the initial instruction and training costs. The consortium of employers and mining industry partners committed to supporting the bulk of the program costs after the WINN grant ended, ensuring continued affordability and sustainability of the program. The funding to launch this effort ended June 30, 2019.



Outcomes through 6/30/19

14
Obtained
Training

86%
Employment

\$32.97
Average
Starting
Wage

Touro University

Disaster Response & Preparedness Program

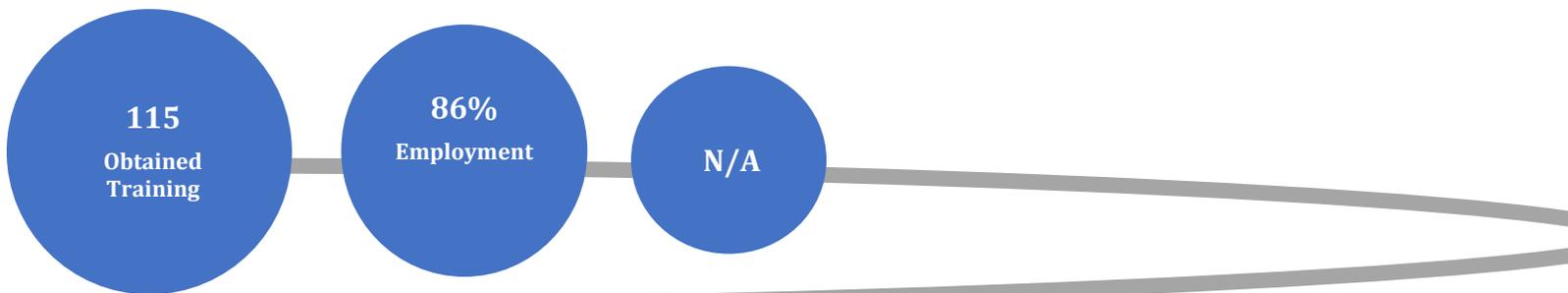
The Touro Regional Center for Disaster Life Support has partnered with the Valley Health System as well as local partners to expand nationally accredited emergency preparedness training and braid new technology integration in response and disaster life support. This employer has identified this training as an area of needed skills and competencies for new physicians and other health care providers.

The first responders and emergency medical providers targeted by this project received timely training on workforce readiness and disaster deployment, triage for public health emergencies, used of unmanned autonomous system and other related disaster training. The funding to launch this effort ended June 30, 2019.



This training is so important to our community as it helps keep all of us safe. I applaud Gov. Sisolak and his administration for helping fund this much needed education for our first responders and medical providers. – Shelley Berkley, CEO and Senior Provost for Touro's Western Division

Outcomes through 6/30/19



**N/A indicates that the educational provider was not able to obtain this information to be able to report.*

University of Nevada, Las Vegas

Nurse Educator, Population Health & Leadership

This project provided funding to UNLV's School of Nursing to develop five (5) new certificate programs to diversify the industry beyond clinical care. The areas of need targeted include nurse education, health technology, clinical research and specialty care. The programs were developed in partnership with The Valley Health System, University Medical Center of Southern Nevada, Comprehensive Cancer Centers of Nevada, and the Kenny Guinn Center for Policy Priorities. The average expected wage for persons with this training is approximately \$70,000 per year.

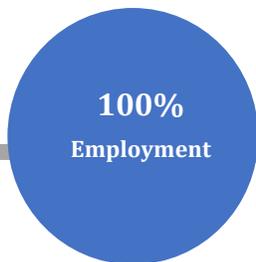
The advanced training and continuing education opportunity were developed as online learning and were approved for Continuing Education credit by the requisite licensing boards. They are a significant contribution to new infrastructure for existing and new healthcare employers. The funding to launch this effort ended June 30, 2019.

WINN-UNLV SON
CLINICAL RESEARCH
ADMINISTRATION

Welcome to our course!

Certification courses for nurses ... develop an advanced workforce better prepared to lead in high quality care. This program offers allows [sic] nurses advanced training in a number of areas that are developing in healthcare including genetic counseling, ethics and research. We anticipate most nurses will need to have training in this area within the next 5 years to provide quality care. – Saju Joseph, MD FACS, General Surgery Residency Program Director at Valley Health System

Outcomes through 6/30/19



Western Nevada College

Mech Tech Mobile Lab

This project provides substantial support to WNC in their efforts to develop the Tech Express Lab, a mobile learning lab for mechanical technology skills needed in regional mining, advanced manufacturing and aerospace sectors. Meeting students where they are physically is a critical component of the mobile lab model alongside the effort to increase access to workforce training and closing rural educational attainment gaps.

The WINN Fund investment opened up additional investment from the William N. Pennington Foundation, Tesla and Wells Fargo. Although the pandemic has slowed the launch of the lab, WNC has been busy engaging with partners in rural Lyon County to establish the networks needed to deploy the mobile teaching space this Spring. The WINN funding for this project must cease at the end of the Biennium, June 30, 2021.



The AIT Mobile Lab is the next phase of our vision to expand the outreach and engagement of our high-tech and hands-on offerings to prepare students to #MakeItInNevada! The trailer will support instructional delivery of the WNC AIT Manufacturing Technician program and our internationally recognized Siemens Mechatronics. – Emily Howarth (pictured), WNC Professor of Electronics and Industrial Technology

College of Southern Nevada

Advanced Manufacturing Expansion

The major focus for this initiative is advanced manufacturing, in preparation for the growth this industry sector will experience over the next several years in southern Nevada. With over 1,100 manufacturing employers in Clark County and only one post-secondary manufacturing skills program that targets middle skills required of most job opportunities, CSN is proposing to expand skilled training programs to better meet the demands of the sector. The WINN investment will enable the transformation of CSN's Sahara West Training Center to focus on programs and labs to produce Certified Production Technicians Certified CNC Machine Operators.

CSN will launch the programs utilizing flexible delivery methods, including accelerated tracks, weekend modularized offerings, integrated basic education and training – all of which will take at most 16 weeks to complete. Credits obtained in either program will articulate into degree pathways that are being developed in the School of Applied Technologies at CSN. Although there has been an expected impact due to the pandemic, CSN expects to deploy the training to first cohorts in Spring 2021. The WINN funding for this project must cease at the end of the Biennium, June 30, 2021.



Nevada's commitment to developing the programs necessary to grow a skilled manufacturing workforce is proof that Haas Automation made the right decision to invest in Southern Nevada. As the largest manufacturer of machine tools in the US, we understand that skilled workers are essential to our success. Right on cue, the Governor's Office of Economic Development (GOED) has established the WINN program to help fund programming that will meet our needs and those of other manufacturers in the region. We appreciate the work being done in Nevada to help make our new factory a success and we look forward to being part of the community."

- Gene Haas, Founder and CEO - Haas Automation, Inc.

2019-2020 Outcomes

Nevada Governor's Office of

ECONOMIC DEVELOPMENT

WINN by the Numbers



Sector Strategies in WINN

WINN projects have addressed skilled training programs in five (5) critical sectors, addressing high-skill demands with substantial labor market returns. The investments outlined below are in fast-growing sectors that foster opportunities for Nevadans to participate in the labor force with potential for growth.



Workforce Diversity Plan Outcomes



Overall, the efforts of both the training and workforce diversity plans continue to bear fruit and the positive trajectory of access demonstrates success in achieving the goal of WINN's regulations to provide equal opportunities for economic advancement for all Nevadans.

Expense Summary

Nevada Governor's Office of

ECONOMIC DEVELOPMENT

GOED WINN Account				
Expenditure Summary - For Activities through September 30, 2020				
	Actual	Actual	Actual	Obligations
	SFY 19	SFY 20	SFY 21	Remaining - SFY 21
Approved WINN Projects through December 2020				
CSN - Advanced Manufacturing Expansion	-	-	3,377.06	1,917,477.94
CSN - Faraday Future/Advanced Manufacturing*	275,849.41	-	-	-
CSN - Health Technology*	167,886.50	-	-	-
CSN - Point of Care Ultrasound EMT*	312,350.22	-	-	-
Great Basin College - Diesel Technology*	448,998.78	-	-	-
Great Basin College - CDL Program*	375,767.18	-	-	-
Multnomah University Nevada Technology Academy - Cybersecurity	292,567.83	150,246.88	15,559.41	0.00
Multnomah University Nevada Technology Academy - IoT Specialist	332,536.10	156,631.11	54,448.34	55,513.20
NSHE - SNAP - Phase II	4,000.00	-	-	-
TMCC - Advanced Manufacturing - Phase I*	-	-	-	-
TMCC - Advanced Manufacturing - Phase II*	-	-	-	-
TMCC - Advanced Manufacturing - Phase III*	173,146.71	-	-	-
TMCC - Advanced Manufacturing - Phase IV (6/30/20 End Date)	171,542.00	99,214.59	-	83,785.41
TMCC - SNAP Phase II*	40,760.48	-	-	-
TMCC - Data Analytics*	151,000.00	-	-	-
TMCC - Re-Entry Initiative - Phase I*	45,393.47	-	-	-
TMCC - Re-Entry Initiative - Phase II*	126,134.42	-	-	-
Touro University - Pre Hospital Care and Preparedness*	340,000.00	-	-	-
UNLV - Health Technology*	164,556.90	-	-	-
UNLV - Pre-Hospital Care and Nursing Workforce*	861,059.28	-	-	-
WNC - Advanced Manufacturing*	62,375.33	-	-	-
WNC - Mech Tech Mobile Lab	-	135,165.08	27,849.81	174,626.18
WNC - SNAP - Phase I and II*	15,075.12	-	-	-
Total Obligations/Expenditures:	<u>4,360,999.73</u>	<u>541,257.66</u>	<u>101,234.62</u>	<u>2,231,402.73</u>

* Denotes projects with end dates of 6/30/19 whose unexpended funds reverted to the General Fund at the end of the Biennium budget.