



2025 Enhancements: Workforce Innovations for a New Nevada - NSHE Capacity Program Application

The Workforce Innovations for a New Nevada (WINN) Fund was established to provide programs of workforce recruitment, assessment or training to the benefit of new or expanding companies in Nevada.

This application is to be completed by a representative of an Authorized Provider per NRS 231.1415 who wishes to provide a workforce training program with WINN funding. A separate application is necessary for each training program. Applications requesting funding in excess of \$100,000 must be reviewed and approved by the Board.

On December 2, 2021, GOED's Board approved minimum wage thresholds for WINN Fund investments. Jobs supported by the training program in this proposal must pay at least \$17 per hour; additional requirements apply and supplemental information may be requested to complete the application process.

(updated January 2025)

Authorized Provider Information

Institution Name

Board of Regents of the Nevada System of Higher Education on behalf of Western Nevada College

Address

2201 West College Parkway, CARSON CITY, Nevada 89703-7316

Project Point of Contact

Cynthia Pierrott

Title

Grant Administrator

Phone

(775) 445-3219

Email

cynthia.pierrott@wnc.edu

Workforce Development Program Experience

WNC has a demonstrated history of successfully executing workforce development projects such as:

- WINN award for implementing a Commercial Driver's License (CDL) program that allows participants to earn a Class A Driver's License in five weeks and connect with employers who often hire immediately upon completion.
- The OSIT STEM Workforce Challenge Grant enabled the modernization of the welding certificate and degree program to better align with the region's advanced manufacturers. This included the addition of an accelerated track to a Skills Certificate and the development of a curriculum for programming robotic welders.
- TAACCCT grant supported the development and expansion of skilled labor training programs in

advanced manufacturing, computer networking and medical services. The grant served more than 800 students and boasted a completion rate of over 90%, with students earning one or more certifications or credentials.

- Carl D. Perkins grants, over multiple years, have supported the development, implementation, and expansion of programs in construction, advanced manufacturing, computer information technology, welding, machining, and automotive. Hundreds of students have completed these programs, earned certifications, and found meaningful employment.

These programs offer a range of credentials that pave the way for entry-level and advanced skills employment. These include institution-awarded Skills Certificates, industry-recognized third-party certifications, Certificates of Achievement (awarded over a one-year period), and Associate of Applied Science degrees. WNC's workforce programs rely on employer input to develop training opportunities that align directly with in-demand jobs and include opportunities for advanced skill acquisition through stackable credentials, allowing participants to rapidly gain employment and/or continue toward a higher credential.

Primary applicants must be able to effectively track and document expenses related to this grant, procure equipment in a timely fashion, maintain procedures and internal controls for accounting, and have infrastructure for maintaining data and completing reports.

Organizational Capacity

WNC has substantial experience managing direct and pass-through grants, currently managing 39 grants totaling \$24,771,016.93. WNC's executive team reviews and approves all grant projects before submission to ensure that sufficient internal infrastructure and resources are in place. WNC's grant management team comprises the following roles and positions: Grant Administrator, Assistant Controller, Vice President of Academic and Student Affairs, and Vice President of Finance and Administration. WNC has a grant and fiscal management system to ensure significant control of objectives, outcomes, and budgets.

Project Information

Project Name

Fernley Advanced Manufacturing Training Center

Primary Economic Sector

Advanced & General Manufacturing



Please visit onetonline.org to obtain workforce characteristics, specifically from the wages and employment trends section of the tool. In the upper right-hand corner of onetonline.org you will find an occupation keyword search. Please enter the best term to align with this project and economic sector (i.e., machinist). Select the best occupation/code and scroll down to the workforce characteristics section that begins with "wages and employment trends." Next, enter state/zip code for the area this project best serves and select "go." Please save and attach these data trend charts (annual/hourly) and prepare a narrative that describes career pathways in this sector in context with national, state and local wage trends. You may include up to five attachments for each occupation/code fitting for this project.

O*Net OnLine Workforce Characteristics: Wage & Employment Trends (charts/graphics)

LocalWages_49-9043.00_NV.xlsx

LocalWages_49-9041.00_NV.xlsx

LocalWages_19-4031.00_NV.xlsx

O*Net OnLine Workforce Characteristics: Wage & Employment Trends (career pathway narrative)
GOED Career Pathway Narrative.pdf

Employer Partner(s)

Company 1

Company Name

Lilac Solutions

Company Point of Contact

Matt McCall

E-mail

matt.mccall@lilacsolutions.com

Job Titles to Be Filled

Process Technician

Number of Job Openings to be Assisted

10

Average Hourly Wage for Job Hires

\$35.00

Employer Commitment & Support Letter

Letter of Support - PolyGlass USA.pdf

PECNA Letter of Support - Western Nevada College - 07.03.2025 - signed.pdf

Workforce Disruption - Prior 12 Months

No

Statement of Need

Needs Assessment

Western Nevada College (WNC) seeks to expand its advanced manufacturing programs by establishing a satellite campus at the Victory Logistics District in Fernley, NV. This initiative aligns with the 2023 Nevada State Plan: Realizing Nevada's Electric, Innovative, And Connected Future, which emphasizes economic diversification, smart logistics, and workforce resilience. This expansion will address acute and projected workforce shortages, enhance regional competitiveness, and create a sustainable talent pipeline for industries in Nevada's targeted growth sectors.

The regional economic and workforce development goals of Fernley and the surrounding Lyon and Churchill Counties are rapidly evolving into logistics and manufacturing hubs. The Victory Logistics District, a 4,300-acre development, is a prime catalyst for attracting firms that require a steady supply of technicians, warehouse professionals, and machine operators. The current gaps include a lack of a dedicated workforce training center in Fernley, as well as employer complaints regarding unfilled vacancies for high-skill, mid-wage roles.

The 2023 Nevada State Plan prioritizes six target sectors: advanced manufacturing, logistics and operations, aerospace and defense, healthcare services, information technology, and natural resource technologies. Among these, advanced manufacturing and logistics are especially critical in Northern Nevada due to:

- ☐ its strategic location near I-80 and U.S. 50, with a national distribution reach.
- ☐ the rapid growth of industrial parks like Victory Logistics District.
- ☐ the presence of high-profile employers (e.g., Tesla, Panasonic, Amazon, and Microsoft) demanding skilled labor.

The Plan calls for "strategic regional investments in training and education to ensure Nevadans can compete in a technology-driven economy." WNC's expansion into Fernley directly supports this vision by embedding a training hub in the logistics corridor.

According to the Nevada Department of Employment, Training, and Rehabilitation (DETR), a 35% projected growth in advanced manufacturing jobs is anticipated by 2030. Burning Glass Technologies' labor market analytics listed over 1,200 job postings in logistics and advanced manufacturing within the Reno-Sparks-Fernley corridor over the past year. The City of Fernley identified a lack of training facilities as a barrier to attracting and retaining employers.

While WNC offers industrial technology, welding, and automotive programs in Carson City and Fallon, students in Fernley face transportation and access challenges. The new VLD campus would eliminate geographic and logistical barriers to education. The manufacturing technology labs at the Carson campus are not scalable without additional space or resources. Truckee Meadows Community College (TMCC) and Great Basin College (GBC) offer related programs, but:

- ☐ TMCC's location is not accessible to many Fernley residents.
- ☐ GBC's emphasis is in Eastern Nevada, with minimal presence in Fernley.
- ☐ Private programs exist but are cost-prohibitive for many prospective students.

WNC's proposed expansion to Fernley is a strategic response to Nevada's workforce and economic development priorities. The Victory Logistics District is poised to be a hub of industrial activity, but its success depends on talent. By aligning with the 2023 Nevada State Plan and addressing documented workforce gaps in advanced manufacturing, this proposal will empower residents, attract employers, and reinforce regional economic vitality.

Program Objectives and Outcomes

Program Overview

Western Nevada College (WNC) will establish a satellite campus at the Victory Logistics District in Fernley, NV, to offer workforce, technical, and career education programming. This project will allow the development of classrooms and lab space for instructional delivery. Additionally, WNC will develop integrated education and training (IET) programs for district courses. IET is an educational model designed to align adult education with workforce preparation and occupational skills training prevalent in programs funded by the Workforce Innovation and Opportunity Act (WIOA). Traditional programming will offer pathways to stackable credentials, ranging from skills certificates that can be obtained in a single semester to two-year AAS degrees. This allows flexibility to accommodate the needs of students and employers. These programs offer training and opportunity for students to achieve industry-recognized certifications, including those administered by the National Coalition of Certificate Centers (NC3) and the Smart Automation Certification Alliance (SACA).

Employer Engagement

Through our advanced manufacturing advisory board, employers are given a channel to communicate their needs regarding workforce development. Additionally, tailored training options allow the employer to choose courses necessary for their needs. Non-credit options allow the college and the employer to create a custom course curriculum, which allows for the flexibility necessary to meet the needs of employers. IET curriculum development engages with employers throughout the process to ensure it is aligned with workplace needs.

Capacity-Building Program Design

The establishment of the Fernley Advanced Manufacturing Training Center at the Victory Logistics District (VLD) represents a strategic and scalable investment to expand WNC's workforce training infrastructure. The center will directly address regional labor shortages in advanced manufacturing and logistics while providing inclusive pathways to high-wage, high-demand careers for youth, adult learners, veterans, and underserved populations. The following improvements will be executed with dedicated funding:

- Training Infrastructure Development: Dedicated instructional, lab, and support space within the

Victory Logistics District, with potential for phased expansion. Includes labs for Advanced Manufacturing, flexible-use classrooms equipped with smartboards, audio-visual technology, mobile desks, and storage for tools and materials.

- Staffing and Operational Structure:
 - o Two professional employees that will facilitate the following:
 - IET Coordinator at 0.50 FTE: This position will develop integrated education and training (IET) programs for advanced manufacturing courses to be offered at the Victory Logistics District satellite campus in Fernley, NV.
 - Grant Manager at 0.25 FTE: This position oversees all financial aspects of the grant program, including budgeting, procurement, and reporting.
 - o Integrated Education and Training Programs: Development of contextualized workforce curricula combining basic English and math instruction, industry terminology, and entry-level skills training.
 - o Dual Enrollment Pathways: Expand WNC's dual credit offerings to high school juniors and seniors in Fernley and surrounding communities. Develop career exploration and project-based courses aligned with Career and Technical Education (CTE) tracks in manufacturing, transportation, and logistics.

Will this program include funding for staff?
Yes

Will this program include funding for existing staff?
Yes

Justification for Existing Staff

IET Coordinator: The IET Coordinator is essential to the successful design and implementation of contextualized workforce pathways that serve Adult Basic Education (ABE) and English Language Learner (ELL) populations. With the expansion of training programs in advanced manufacturing and logistics—including new offerings at the Fernley Advanced Manufacturing Training Center—WNC must ensure these programs are accessible, inclusive, and aligned with Integrated Education and Training models as promoted by WIOA and state adult education priorities. This role will help WNC expand access to underserved populations, enhance student retention and credential attainment, and support Nevada's strategic goal of building a diverse and job-ready workforce.

Primary Responsibilities Include:

- o Designing and managing co-enrollment models that blend technical training with basic literacy, numeracy, and language instruction.
- o Supporting faculty in developing contextualized curriculum for manufacturing and logistics pathways.
- o Establishing wraparound support services and academic coaching for ABE/ELL learners.

Grant Manager: A dedicated Grant Manager is crucial to ensure compliance, fiscal oversight, and the successful execution of projects. This position will maximize the efficiency, transparency, and sustainability of the NSHE Capacity Program investment. It will also position WNC to meet all required outcomes and leverage this initiative for future federal and state funding opportunities.

Primary Responsibilities Include:

- o Managing grant timelines, budgets, and deliverables across multiple departments and partners.
- o Overseeing purchasing and adhering to WNC and grant sponsor procurement requirements.
- o Coordinating communications across stakeholders to ensure alignment with grant objectives.
- o Ensuring accurate data collection and performance tracking.

Recruitment

The proposed Fernley Advanced Manufacturing Training Center will serve a diverse group of students spanning various stages of career development and socioeconomic backgrounds. The target audience includes:

- Dual Enrollment High School Students: Juniors and seniors in Lyon, Churchill, and Storey Counties participating in dual enrollment programs with WNC, as well as students interested in mechatronics, automation, welding, or supply chain operations. This population benefits from early exposure to applied

technical careers while earning college credit and potentially an industry certificate before secondary graduation.

- Local High School Graduates: Recent graduates seeking a fast track into well-paying, skill-based careers through short-term certifications or two-year degrees.
- Underemployed and Unemployed Adults: Workers from service, hospitality, or agriculture sectors seeking career changes. Displaced or low-income individuals in need of retraining in high-growth industries.
- Military Veterans and Transitioning Service Members: Veterans located in Fernley, Fallon, or nearby regions.
- Incumbent Workers: Individuals currently employed in logistics or light manufacturing roles needing upskills in advanced manufacturing.
- Women and Non-Traditional Learners: Single mothers, adult re-entry learners, and other underserved groups traditionally underrepresented in industrial trades. Special attention will be given to building inclusive cohorts and supportive training environments.
- Adult Basic Education (ABE) and English Language Learners (ELL): Non-native English speakers, including immigrant and refugee populations, currently enrolled in WNC's ABE/ELL programs. Many of these individuals possess strong work ethics and technical aptitudes, but they face language barriers to certification and employment. The expansion of contextualized instruction (IET) will allow ABE/ELL learners to participate in advanced manufacturing pathways.

The creation of a dedicated training center at Victory Logistics District will enable WNC to scale outreach and enrollment across all identified groups.

Outcomes

Proposed Program Outcomes

- o Satellite Campus Development at Victory Logistics District:
- o Fall 2025: Complete build-out of WNC dedicated classroom and office space.
- o Fall 2025: Obtain quotes and submit purchase requisition for necessary classroom and office equipment and furniture.
- o Spring 2026: Set up classroom and office.
- o Fall 2026: Offer advanced manufacturing classes and refer passers to Lilac Solutions for interviews.

Development of Advanced Manufacturing IET curriculum:

- o Fall 2025: Identify advanced manufacturing programming to convert into an IET course. One program will be process technicians to align with the demand of the employer partner.
- o Fall 2025: Enroll 15 English language learners in WNC's College and Career Readiness program in Fernley, NV.
- o Spring 2026: Enroll 15 English language learners in WNC's College and Career Readiness program in Fernley, NV.
- o Spring 2026: Recruit ten English language learners for the first cohort of Advanced Manufacturing IET programming: process technicians
- o Fall 2026: Implement IET Cohort One with a completion rate of 60%. Refer passers to Lilac Solutions for interviews.

Expand dual enrollment, creating seamless transitions into postsecondary training:

- o Fall 2025: Establish advanced manufacturing dual enrollment programming at Fernley High School.
- o Spring 2026: Recruit dual enrollment students.
- o Fall 2026: Enroll 20 dual enrollment students with a completion rate of 60%. Refer passers to Lilac Solutions for interviews.

Sustainability Plan

WNC is committed to the long-term sustainability and growth of the Fernley Advanced Manufacturing Training Center beyond the initial period of state investment. The project not only addresses the immediate workforce needs but also establishes a permanent regional hub for talent development in high-growth

sectors. Sustainability will be achieved through institutional commitment, employer partnerships, and regional alignment.

Specifically, WNC will generate sustained tuition revenue from a steady stream of high school dual enrollment students, adult learners, incumbent workers, and ABE/ELL participants. Short-term credential programs with high employment demand will maintain strong cohort-based enrollment cycles, supporting long-term viability. Programming will be fully integrated into WNC's academic catalog, student services, and administrative systems, ensuring continuity. Current and projected braided funding will cover the cost of instruction and support staff. WNC will continue to pursue funding from:

- Perkins V Career and Technical Education (CTE)
- WIOA Title II Adult Education & Literacy
- Future NSHE and GOED workforce grants

WNC will align outcomes with state priorities to remain competitive for performance-based funding allocations. Additionally, WNC's continued partnership with Lyon County School District and area high schools will sustain dual enrollment and early college pipeline programs. Our collaboration with workforce boards, libraries, veteran groups, and immigrant services organizations will ensure continued demand and referrals for ABE, ELL, and reskilling learners. WNC's Employer Relations Specialist and Career Services Specialist, in collaboration with EmployNV Career Hub in Fernley, will support participants with job searches, referrals, and placement. Finally, WNC will be able to expand its Workforce Development division to offer fee-based customized training programs tailored to employer needs at the Victory Logistics District and surrounding industrial corridors. Employers will contract with WNC to train incumbent workers in areas such as lean manufacturing, safety compliance, quality assurance, and logistics technology. The Fernley Advanced Manufacturing Training Center is a regionally anchored, demand-responsive initiative that will endure beyond initial state capacity funding. By leveraging program revenue, institutional resources, employer collaboration, and ongoing public-sector support, WNC will ensure that the new satellite campus remains a pillar of workforce innovation and economic mobility in Western Nevada for years to come.

Is the program offered consistent with the Unified State Plan (WIOA)?

Yes

Supporting Documents

Workforce Diversity Action Plan

WINN requires that projects consider how to ensure equitable access to high-skill and high-wage opportunities for all Nevadans.

This application must include an explanation of the actions that will be taken and strategies that will be implemented to promote workforce diversity and the goals and performance measures which will be used to measure the success of the plan in achieving those goals.

A strong plan will show an understanding of the interventions and supports diverse participants will need to prepare them for success and include methods for monitoring at the training and employment levels of the project.

GOED seeks to read plans including efforts to address the needs of veterans, gender inclusion and penetration in non-traditional employment, recipients of public assistance, justice-involved citizens, racial and ethnically diverse students, and persons with disabilities.

Diversity Action Plan

WNC is committed to building an inclusive and representative workforce by ensuring that the Fernley Advanced Manufacturing Training Center promotes equitable access for all Nevadans—especially those from underrepresented, underserved, and historically marginalized communities. WNC's plan is designed

to remove systemic barriers, provide targeted support, and create measurable pathways to success for a diverse population.

The creation of a dedicated training center at Victory Logistics District will enable WNC to scale outreach and enrollment across all identified groups. Specific strategies for the target audiences detailed in this application may include:

High School Students:

- Collaborate with regional high schools to expand access to dual credit advanced manufacturing courses.
- Offer CTE orientations and intake services with tours, including hands-on project-based learning, to spark interest in technical careers tailored to non-traditional and first-time college students.
- Promotion of Nevada Promise, WIOA funding, and grant-based scholarships for dual-enrolled and first-time students.
- Partnership with employers for tuition reimbursement, internships, and guaranteed interviews for program completers.
- Presentations at local high schools, particularly for juniors and seniors enrolled in CTE tracks.
- Career nights and “Manufacturing Experience Days” for students and families.
- Leverage WNC’s mobile training unit to conduct mini-trainings or workshops at job fairs, libraries, and rural community centers.

Underemployed and Unemployed Adults:

- Partner with EmployNV, WIOA programs, and local nonprofits to refer unemployed and underemployed adults for training with supportive services.
- Offer CTE orientations and intake services with tours, including hands-on project-based learning, to spark interest in technical careers tailored to non-traditional and first-time college students, as well as adult learners requiring academic support.
- Promotion of WIOA funding and grant-based scholarships for first-time students.
- Partnership with employers for tuition reimbursement and guaranteed interviews for program completers.
- Career nights and “Manufacturing Experience Days” for students and families.
- Coordination with chambers of commerce, workforce boards, and community nonprofits for targeted outreach.
- Leverage WNC’s mobile training unit to conduct mini-trainings or workshops at job fairs, libraries, and rural community centers.
- Offer refresher math and reading courses to support participants returning to school after several years.
- Offer wraparound supports, such as tutoring, peer mentoring, and referrals to childcare, transportation, or food assistance.

Military Veterans and Transitioning Service Members:

- Promote pathways and tuition benefits to transitioning service members through VA offices, the Nevada Department of Veterans Services, military transition programs, and bases (e.g., Fallon Naval Air Station).
- Offer CTE orientations and intake services with tours, including hands-on project-based learning, to spark interest in technical careers tailored to non-traditional and first-time college students, as well as adult learners requiring academic support.
- Partnership with employers for tuition reimbursement, internships, and guaranteed interviews for program completers.
- Career nights and “Manufacturing Experience Days” for students and families.
- Coordination with chambers of commerce, workforce boards, and community nonprofits for targeted outreach.
- Leverage WNC’s mobile training unit to conduct mini-trainings or workshops at job fairs, libraries, and rural community centers.
- Offer refresher math and reading courses to support participants returning to school after several years.
- Offer wraparound supports, such as tutoring, peer mentoring, and referrals to childcare,

transportation, or food assistance.

Incumbent Workers:

- Develop talent pipelines directly connected to workforce needs.
- Co-market training opportunities directly to employer workforce and job applicants.
- Offer CTE orientations and intake services with tours, including hands-on project-based learning, to spark interest in technical careers tailored to non-traditional and first-time college students, as well as adult learners requiring academic support.
- Career nights and “Manufacturing Experience Days” for students and families.
- Leverage WNC’s mobile training unit to conduct mini-trainings or workshops at job fairs, libraries, and rural community centers.
- Offer refresher math and reading courses to support participants returning to school after several years.

Women and Non-Traditional Learners, including Justice Involved:

- Offer CTE orientations and intake services with tours, including hands-on project-based learning, to spark interest in technical careers tailored to non-traditional and first-time college students, as well as adult learners requiring academic support.
- Promotion of WIOA funding and grant-based scholarships for first-time students.
- Partnership with employers for tuition reimbursement, internships, and guaranteed interviews for program completers.
- Career nights and “Manufacturing Experience Days” for students and families.
- Coordinate with community organizations and faith-based groups to reach families.
- Leverage WNC’s mobile training unit to conduct mini-trainings or workshops at job fairs, libraries, and rural community centers.
- Offer refresher math and reading courses to support participants returning to school after several years.
- Offer wraparound supports, such as tutoring, peer mentoring, and referrals to childcare, transportation, or food assistance.

Adult Basic Education:

- Embed manufacturing and logistics concepts into contextualized ESL/ABE instruction.
- Offer CTE orientations and intake services with tours, including hands-on project-based learning, to spark interest in technical careers tailored to non-traditional and first-time college students, as well as adult learners requiring academic support.
- Promotion of WIOA funding and grant-based scholarships for first-time students.
- Career nights and “Manufacturing Experience Days” for students and families.
- Coordinate with community organizations, faith-based groups, chambers of commerce, and workforce boards to reach immigrant families and new Americans, as well as for targeted outreach.
- Leverage WNC’s mobile training unit to conduct mini-trainings or workshops at job fairs, libraries, and rural community centers.
- Offer refresher math and reading courses to support participants returning to school after several years.
- Offer wraparound supports, such as tutoring, peer mentoring, and referrals to childcare, transportation, or food assistance.

WNC will implement a data-driven system to monitor progress at both the training and employment stages, utilizing disaggregated data to identify disparities and inform targeted interventions.

Key Performance Indicators (KPIs) – Data disaggregated by gender, race/ethnicity, veteran status, disability, ELL, justice-involved

- Metric: Enrollment by population group; Target: ≥40% underrepresented learners
- Metric: Retention and completion rates; Target: Parity across all demographics
- Metric: Credential Attainment; Target: ≥60% of all enrolled
- Metric: Employment or Internship Placement; Target: ≥30% within 6 months
- Metric: Satisfaction/Engagement; Target: 85% positive response across groups

Workforce Diversity Commitment Statement

WNC believes that a truly robust and resilient workforce reflects the full spectrum of diversity in our communities. Our mission is rooted in providing equitable access to education and career advancement for all Nevadans, regardless of their background, identity, or circumstances.

Statement to Comply with Federal & State Law

WNC affirms its full commitment to complying with all applicable federal, state, and local laws and regulations governing education, employment, civil rights, and the administration of public funds.

Request for Funding

Has any part of this program received prior capacity funding?

No

Total Project Cost

\$2,000,000.00

WINN Funding Request

\$599,706.60

WINN is primarily a reimbursement-based grant. Can your institution cover the costs included in your budget without advanced funding?

Yes

Reimbursement invoices must be submitted quarterly, but may submitted as often as monthly.

What are your invoicing plans?

Monthly

Cost Estimates

Budget Details.xlsx

Budget Narrative

Budget Narrative.docx

APPLICATION FOR WINN FUNDS - BUDGET BREAKDOWN

APPLICANT NAME: BOR of the NSHE obo Western Nevada College

PROJECT NAME: Fernley Advanced Manufacturing Training Center

PROJECT PERIOD: FY2025 - FY2027

PRIORITY PROGRAM COSTS

Enter the total cost for each line in the far right column

Total WINN Request

Candidate Assessment Fees

Instructional and/or Curriculum Development Services

\$137,950.60

Direct Program Personnel (e.g. Navigator, Liaison, Coordinator)

Equipment or Technology for Training

\$239,700.00

Priority Costs Subtotal: \$377,650.60

ALLOWABLE PROGRAM COSTS

Enter the total cost for each line in the far right column

Total WINN Request

Training Fees

Analysis of On-Site Training

Administrative or General Support Personnel (May not exceed 10% of total funding)

\$59,656.00

Instructional Facility Rental Costs

Program Promotion Costs

Other Necessary Costs

\$162,400.00

Non-Priority Costs Subtotal: \$222,056.00

TOTAL WINN REQUEST: \$599,706.60

Please contact the GOED Director of Workforce Development at 702-486-0609 with any questions regarding the budget breakdown

TOTAL PROJECT FUNDING SOURCES

APPLICANT NAME:

BOR of the NSHE obo Western Nevada College

PROJECT NAME:

Fernley Advanced Manufacturing Training Center

<u>Budget Category</u>	<u>Source of Funds</u>				<u>Total</u>
	<u>WINN Funds</u>	<u>Source Name</u>	<u>Source Name</u>		
Priority Program Costs	\$ 377,650.60	\$ -	\$ -	\$	377,650.60
Allowable Program Costs	\$ 222,056.00	\$ -	\$ -	\$	222,056.00
Total Budget:	\$599,706.60	\$0.00	\$0.00		\$599,706.60

Additional Information on Total Project Cost, if any:

Application for WINN Funds - Budget Narrative

Applicant Name:	Board of Regents of the Nevada System of Higher Education OBO Western Nevada College
Project Name:	Fernley Advanced Manufacturing Training Center
Project Period:	July 1, 2025 to June 30, 2027

Priority Program Costs: \$137,950.60

Instructional and/or Curriculum Development Services

Integrated Education and Training Coordinator (IET): The IET Coordinator is essential to the successful design and implementation of contextualized workforce pathways that serve Adult Basic Education (ABE) and English Language Learner (ELL) populations. With the expansion of training programs in advanced manufacturing and logistics—including new offerings at the Fernley Advanced Manufacturing Training Center—WNC must ensure these programs are accessible, inclusive, and aligned with Integrated Education and Training models as promoted by WIOA and state adult education priorities. This role will help WNC expand access to underserved populations, enhance student retention and credential attainment, and support Nevada’s strategic goal of building a diverse and job-ready workforce. Primary Responsibilities Include:

- Designing and managing co-enrollment models that blend technical training with basic literacy, numeracy, and language instruction.
- Supporting faculty in developing contextualized curriculum for manufacturing and logistics pathways.
- Establishing wraparound support services and academic coaching for ABE/ELL learners.

Item Description	July 1, 2025 – June 30, 2026	July 1, 2026 – June 30, 2027	Total
Estimated Salary at 0.50 FTE	\$48,811.94	\$50,258.30	\$99,070.23
Estimated Fringe Benefits at the federally approved rates for Professional Faculty	\$17,621.11	\$21,259.26	\$38,880.37
Totals	\$66,433.04	\$71,517.56	\$137,950.60

Allowable Program Costs: \$461,756.00

Administrative or General Support Personnel: \$59,656.00

Grant Manager: A dedicated Grant Manager is crucial to ensure compliance, fiscal oversight, and the successful execution of projects. This position will maximize the efficiency, transparency, and sustainability of the NSHE Capacity Program investment. It will also position WNC to meet all required outcomes and leverage this initiative for future federal and state funding opportunities.

Primary Responsibilities Include:

- Managing grant timelines, budgets, and deliverables across multiple departments and partners.
- Overseeing purchasing and adhering to WNC and grant sponsor procurement requirements.

Application for WINN Funds - Budget Narrative

- Coordinating communications across stakeholders to ensure alignment with grant objectives.
- Ensuring accurate data collection and performance tracking.

Item Description	July 1, 2025 – June 30, 2026	July 1, 2026 – June 30, 2027	Total
Estimated Salary at 0.25 FTE	\$21,105.54	\$21,736.72	\$42,842.26
Estimated Fringe Benefits at the federally approved rates for Professional Faculty	\$7,619.10	\$9,194.63	\$16,813.73
Totals	\$28,724.64	\$30,931.36	\$59,656.00

Other Necessary Costs: \$402,100.00

Office Supplies: To cover the estimated cost of general office supplies for project staff and the new center at Victory Logistics District, including pens, pencils, printer cartridges, notebooks, folders, Post-its, labels, markers, and desk organizers.

Classroom and Office Set Up: To cover the estimated cost of establishing a new classroom and office at the Victory Logistics District in Fernley, NV, including:

- Classroom: adjustable tables and chairs, collaborative tables, mobile teacher stations with instructional technology, storage, audio/visual equipment, display screens and boards
- Office: furnishings, computers, printers, audio-visual equipment, and video conferencing equipment (including cameras, microphones, speakers, and large-screen displays).

Item Description	July 1, 2025 – June 30, 2026	July 1, 2026 – June 30, 2027	Total
Office Supplies	\$1,000.00	\$1,100.00	\$2,100.00
Classroom and Office Set Up	\$200,000.00	\$200,000.00	\$400,000.00
Totals	\$201,000.00	\$201,100.00	\$402,100.00



15 July 2025

Elaine Silverstone, Director of Workforce Development
Governor's Office of Economic Development
1 State of Nevada Way, 4th Floor
Las Vegas, NV 89119

Subject: Workforce Innovations for a New Nevada (WINN) Application

Dear Ms. Silverstone:

Lilac is a leading technology provider of commercially ready ion exchange solutions that unlock faster, cheaper, and cleaner production to meet lithium needs now, not later. Our unique materials, engineering, and partnership approach uniquely position us to design and deliver commercial solutions across various lithium sources. Our facility in Fernley, Nevada is poised to be a commercial-scale ion exchange media manufacturing line.

By this letter, we wish to express our support for the Fernley Advanced Manufacturing Training Center, built to serve the needs of local Manufacturers seeking high-skill workers in Nevada. This program offers high-wage opportunities to workers obtaining skills at Western Nevada College. At our company, we anticipate approximately 8 such openings within the next year and are confident that this program will help provide the highly skilled workforce we will need.

This application for WINN funds was developed through a collaborative partnership of regional stakeholders including [secondary schools, academia, employers and community organizations.] We recognize the need for and support the development of this Industry-based training program. We look forward to continuing to work in partnership with Western Nevada College and other stakeholders in this important effort.

Sincerely yours,

DocuSigned by:

6B6A6CC153ED427...

Matt McCall
EVP, Manufacturing and Operations

July 3, 2025

Elaine Silverstone, Director of Workforce Development
Governor's Office of Economic Development
1 State of Nevada Way, 4th
Floor Las Vegas, NV 89119

Subject: Workforce Innovations for a New Nevada (WINN) Application

Dear Ms. Silverstone:

By this letter, Panasonic Energy Corporation of North America ("PECNA") wishes to express its support for Western Nevada College's WINN Application. If awarded, PECNA's understanding is that Western Nevada College would use WINN funding to build an Advanced Manufacturing Training Center in Fernley, NV, thus providing convenient and highly valued training to residents of Northern Nevada's more rural communities. PECNA is optimistic that such training would prepare students for manufacturing careers with PECNA, or other manufacturers in Northern Nevada.

We look forward to working with Western Nevada College in support of this important effort.

Sincerely,



Carli Kinne
General Counsel

PANASONIC ENERGY CORPORATION OF NORTH AMERICA

10900 SOUTH CLAY BLAIR BLVD, OLATHE, KS 66061

P: 913.397.8300

E: energy@panasonic.com



Friday, July 11, 2025

Elaine Silverstone, Director of Workforce Development
Governor's Office of Economic Development
1 State of Nevada Way, 4th Floor
Las Vegas, NV 89119

Subject: Workforce Innovations for a New Nevada (WINN) Application

Dear Ms. Silverstone:

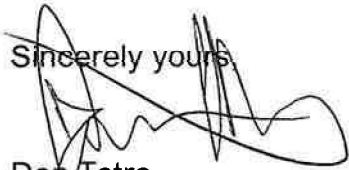
Redwood wishes to express our support for Western Nevada College's Expanding Training Pathways initiative, built to serve the needs of local manufacturers seeking high-skill workers in Northern Nevada.

Redwood has been a supporter of Western Nevada College's initiative funded through WINN from the beginning. Redwood and WNC have collaborated to develop curriculum for both the Battery Basics and Chemical Operator courses from the ground up.

WNC has consistently demonstrated its commitment to addressing critical skills and knowledge gaps by providing high-quality, relevant technical education. The enhancements made possible from the Expanding Training Pathways initiative will help Redwood's existing Battery Basics and Chemical Operator courses aimed to help directly equip students with the cutting-edge skills needed in the battery recycling and manufacturing industry.

This application for WINN funds was developed through a collaborative partnership of regional stakeholders. Redwood recognizes the need for and supports the development of industry-based training programs, like those listed in this application.

We look forward to continuing to work in partnership with Western Nevada College and other stakeholders in this important effort.

Sincerely yours,


Don Tatro
Director, State and Local Policy





Career Pathways in Manufacturing - Northern Nevada

The manufacturing sector in Northern Nevada is evolving rapidly, driven by automation, incentives for manufacturers, and the nationwide push to manufacture products domestically. Career pathways in this sector range from entry-level technical roles to specialized positions in robotics and mechatronics. Strong wage growth opportunities and increasing demand for skilled workers give the Manufacturing sector a bright outlook. Western Nevada College is committed to preparing students for rewarding, high-growth, and in-demand careers in the manufacturing sector.

Entry-Level Roles

Chemical Technicians and Industrial Machinery Mechanics represent the more accessible entry points into manufacturing for individuals with certifications in applied sciences. This role is an excellent entry point, with opportunities to advance into supervisory positions or specialized roles through continued education and on-the-job experience.

Automation and Robotics

Northern Nevada is an excellent place for those pursuing careers in robotics, with a projected growth of 11% in the state over the next few years, as opposed to the mostly flat growth projection nationwide. Robotics Technicians, who support automated manufacturing systems, earn a median wage of \$86,520 in the state, which is significantly higher than the national median of \$70,760. These differences are a testament to the region's investment in high-tech manufacturing.

Mechatronics and Electro-Mechanical Specialization

These roles integrate mechanical, electronic, and control systems, which are essential for maintaining advanced manufacturing operations. In Northern Nevada, these professionals also earn a median wage of \$86,520, aligning with Robotics Technicians, being well above the national average.

Our college partners with local employers to ensure our curriculum reflects current and future industry needs. However, an overarching problem is echoed by almost all of our partners: the shortage of skilled workers. Whether due to an aging workforce retiring from their positions, expanding facilities, or low retention from a largely unprepared population, the need for skilled workers is constant. Western Nevada College offers stackable credentials that allow students to enter the workforce quickly while also allowing for convenient pathways for upskilling and lifelong learning.

Chemical Technicians: 19-4031.00 Labor Market and Salary Graphics

Nevada Employment Trends

19-4031.00 - [Chemical Technicians](#) 🌟 **Bright Outlook**

View trends for state: Nevada

In Nevada:

Employment (2022)	620 employees
Projected employment (2032)	710 employees
Projected growth (2022-2032)	15%
Projected annual job openings (2022-2032)	80

In the United States:

Employment (2023)	58,300 employees
Projected employment (2033)	61,400 employees
Projected growth (2023-2033)	■ ■ ■ ■ 6% Faster than average
Projected annual job openings (2023-2033)	7,300

Nevada source: Projections Central [2022-2032 long-term projections](#) ⓘ. United States source: Bureau of Labor Statistics [2023-2033 employment projections](#) ⓘ. "Projected growth" represents the estimated change in total employment over the projections period. "Projected annual job openings" represent openings due to growth and replacement.

Local Wages

19-4031.00 - [Chemical Technicians](#) 🌟 **Bright Outlook**

Wages for state: Nevada

Wages near ZIP Code: 89408

[Annual Wages](#)



Electro-Mechanical and Mechatronics Technologists and Technicians:

17-3024.00 Labor Market and Salary Graphics

Nevada Employment Trends

17-3024.00 - [Electro-Mechanical and Mechatronics Technologists and Technicians](#)

View trends for state: Nevada

Go

In Nevada:

Employment data for **Electro-Mechanical Technicians**.

Employment (2022)	280 employees
Projected employment (2032)	310 employees
Projected growth (2022-2032)	11%
Projected annual job openings (2022-2032)	30

In the United States:

Employment data for **Electro-Mechanical and Mechatronics Technologists and Technicians**.

Employment (2023)	15,800 employees
Projected employment (2033)	15,600 employees
Projected growth (2023-2033)	<div><div></div><div></div><div></div><div></div></div> -1% Decline
Projected annual job openings (2023-2033)	1,300

Nevada source: Projections Central [2022-2032 long-term projections](#). United States source: Bureau of Labor Statistics [2023-2033 employment projections](#). "Projected growth" represents the estimated change in total employment over the projections period. "Projected annual job openings" represent openings due to growth and replacement.

Local Wages

17-3024.00 - [Electro-Mechanical and Mechatronics Technologists and Technicians](#)

Wages for state: Nevada

Go

Wages near ZIP Code: 89408

Go

Annual Wages

Hourly Wages



Industrial Machinery Mechanics: 49-9041.00 Labor Market and Salary Graphics

Nevada Employment Trends

49-9041.00 - [Industrial Machinery Mechanics](#)  Bright Outlook


View trends for state: Nevada 



Go

In Nevada:

Employment (2022)	1,830 employees
Projected employment (2032)	2,420 employees
Projected growth (2022-2032)	32%
Projected annual job openings (2022-2032)	220

In the United States:

Employment (2023)	429,500 employees
Projected employment (2033)	503,300 employees
Projected growth (2023-2033)	 17% Much faster than average
Projected annual job openings (2023-2033)	43,500

Nevada source: Projections Central [2022-2032 long-term projections](#) . United States source: Bureau of Labor Statistics [2023-2033 employment projections](#) . "Projected growth" represents the estimated change in total employment over the projections period. "Projected annual job openings" represent openings due to growth and replacement.

Local Wages

49-9041.00 - [Industrial Machinery Mechanics](#)  Bright Outlook

Wages for state: Nevada 

Go

Wages near ZIP Code: 89408

Go

Annual Wages

Hourly Wages



Robotics Technicians: 17-3024.01 Labor Market and Salary Graphics

Nevada Employment Trends

17-3024.01 - [Robotics Technicians](#)

View trends for state: Nevada

Go

In Nevada:

Employment data for **Electro-Mechanical Technicians**.

Employment (2022)	280 employees
Projected employment (2032)	310 employees
Projected growth (2022-2032)	11%
Projected annual job openings (2022-2032)	30

In the United States:

Employment data for **Electro-Mechanical and Mechatronics Technologists and Technicians**.

Employment (2023)	15,800 employees
Projected employment (2033)	15,600 employees
Projected growth (2023-2033)	<div><div></div><div></div><div></div><div></div></div> -1% Decline
Projected annual job openings (2023-2033)	1,300

Nevada source: Projections Central [2022-2032 long-term projections](#) ↗. United States source: Bureau of Labor Statistics [2023-2033 employment projections](#) ↗. "Projected growth" represents the estimated change in total employment over the projections period. "Projected annual job openings" represent openings due to growth and replacement.

Local Wages

17-3024.01 - [Robotics Technicians](#)

Wage data collected from **Electro-Mechanical and Mechatronics Technologists and Technicians**.

Wages for state: Nevada

Go

Wages near ZIP Code: 89408

Go

Annual Wages

Hourly Wages

