



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

Truckee Meadows Community College

Address

7000 Dandini Blvd, Reno, Nevada 89512-3901

Project Point of Contact

Kristin Borman

Title

Pre-Award Program Director

Phone

(775) 337-5650

Email

kborman@tmcc.edu

Workforce Development Program Experience

Truckee Meadows Community College (TMCC) has a long and demonstrated history of delivering high-quality workforce development programs that directly support Nevada's growing economy. We offer over 160 degrees and certificates in over 70 areas of study. TMCC serves industries central to the state's economy, including mining, natural resource extraction, heavy equipment operations, transportation, logistics, manufacturing, construction, and related industrial services among others. TMCC programs are strongly aligned with local and regional labor market needs enabling graduates to obtain gainful employment in living wage careers upon completion.

In the Applied Technology Division, programs have been developed through collaboration with industry

advisory boards in automotive technology, diesel technology, heavy equipment mechanics, welding, machining, advanced manufacturing, architecture, HVAC, refrigeration, and construction management. Collectively, the division has over 165 industry partners in these sectors. The Applied Technology Division has seen tremendous growth (58%) over the last year as compared to other divisions in the college.

TMCC's Applied Technology Division issues one Bachelor's Degree, AAS Degrees, Certificates of Achievement (CoAs) and Skills Certificates (SKCs). In the 2024-2025 academic year, the division issued 668 SKCs, 77 CoAs, 101 AAS Degrees and 3 Bachelor of Architecture Degrees.

The Diesel Department, where the Heavy Equipment Technician program is housed, has grown 24% in enrollment from Fall 24 to Fall 25. In the 24-25 academic year, the department issued 82 awards, 64 SKCs, 10 CoAs, and 8 AAS Degrees. Industry partners that will be served by the new Heavy Equipment Technician program and this GOED WINN proposal include: Coeur Mining, Crown Lift Trucks, Cummins, Empire Cat, Equipment Share, Kinross Gold Corp., Nevada Gold Mines, Pape, Peterbilt, Silver State International, TEC Equipment, and Teichert among others.

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

Truckee Meadows Community College (TMCC) has the administrative infrastructure, fiscal systems, and institutional experience required to successfully manage and comply with the administrative requirements of workforce development grants. TMCC operates with an annual budget exceeding \$50 million, and its Foundation and Sponsored Programs Office currently oversees over \$20 million in active federal, state, and private grant funding. For more than five decades, TMCC has administered complex grants from the U.S. Departments of Education, Labor, and Health and Human Services, as well as from multiple Nevada state agencies and private philanthropic partners, demonstrating sustained capacity to manage multi-year, multi-source awards.

TMCC maintains full compliance with 2 CFR Part 200 (Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards) and adheres to all applicable state and Nevada System of Higher Education (NSHE) policies. As an NSHE institution governed by the Board of Regents, TMCC follows systemwide requirements related to procurement, budgeting, contracting, payroll, and record retention. Financial and administrative oversight is supported through Workday, NSHE's enterprise resource planning system, which provides real-time financial tracking, standardized approval workflows, and audit-ready reporting across sponsored projects.

Post-Award Grant Management, housed within TMCC's Foundation and Sponsored Programs Office, is responsible for ongoing compliance, reporting, and coordination with funding agencies. This team works in close collaboration with TMCC's Controller's Office to establish sponsored accounts, monitor allowable expenditures, reconcile budgets, and ensure timely invoicing and reporting. TMCC employs robust internal controls, including segregation of duties, supervisory review of grant expenditures, and formal approval processes for budget modifications and procurement actions.

To ensure proactive oversight, TMCC conducts regular coordination meetings between Post-Award staff and Principal Investigators (PIs). These meetings review project progress, expenditures, timelines, and reporting obligations, allowing potential issues to be identified and addressed early. This structured approach supports consistent alignment between programmatic activities and approved grant scopes while maintaining compliance with all fiscal and administrative requirements.

Strategic program oversight for this proposal will be provided by the Dean of the Applied Technology Division, who brings extensive experience in workforce training, grant writing and program implementation.

The Dean will work closely with the Foundation and Sponsored Programs Department and Post-Award staff, as well as the GOED Office, to ensure that grant-funded activities for this proposal are implemented as proposed, on schedule, and in full compliance with funding requirements. This collaborative governance structure reflects TMCC’s strong commitment to accountability, transparency, and effective stewardship of public workforce development funds.

Project Information

Project Name

TMCC Heavy Equipment & Diesel Technician Workforce Capacity Expansion

Primary Economic Sector

Transportation & Logistics
 Natural Resources & Technologies



Please visit oneline.org to obtain workforce characteristics, specifically from the wages and employment trends section of the tool. In the upper right-hand corner of oneline.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)

49-3031_Full ONET Graphics.pdf

49-3042_Full ONET Graphics.pdf

49-9041_Full ONET Graphics.pdf

O*Net OnLine Workforce Characteristics: Wage & Employment Trends (career pathway narrative)

49-3031_Career Pathway Narrative.pdf

49-3042_Career Pathway Narrative.pdf

49-9041_Career Pathway Narrative.pdf

Employer Partner(s)

Company 1

Company Name

McCandless Truck Center

Company Point of Contact

Charlie Brown

E-mail

cbrown@mctrux.com

Job Titles to Be Filled

Service Apprentices, Shop Assistants, Service writers, Heavy Duty Diesel Technicians, Parts Sales, Parts Delivery Drivers, and Body Shop Technicians

Number of Job Openings to be Assisted

10

Average Hourly Wage for Job Hires

\$20-45/hour

Employer Commitment & Support Letter

MCCANDLESS INTERNATIONAL PARTNER LETTER OF SUPPORT copy.pdf

Workforce Disruption - Prior 12 Months

No

Company 2**Company Name**

Empire Southwest, LLC

Company Point of Contact

Adrian Reaux

E-mail

Wilbur.Cothrun@empire-cat.com

Job Titles to Be Filled

Heavy Equipment Technicians

Number of Job Openings to be Assisted

120

Average Hourly Wage for Job Hires

\$20-\$64/hour

Employer Commitment & Support Letter

TMCC Technician Support Letter 1.21.2026.pdf

Workforce Disruption - Prior 12 Months

No

Company 3**Company Name**

Coeur Rochester

Company Point of Contact

Dan Pearson

E-mail

dpearson@coeur.com

Job Titles to Be Filled

Field and Lube Technicians, Drill/Shovel Mechanics, and Mobile Maintenance Mechanics

Number of Job Openings to be Assisted

50

Average Hourly Wage for Job Hires

\$39.91-\$49.10

Employer Commitment & Support Letter

Coeur Rochester.pdf

Workforce Disruption - Prior 12 Months

No

Statement of Need**Needs Assessment**

Nevada's mining industry sector depends on a reliable supply of highly skilled diesel and heavy-equipment technicians who can maintain and repair the engines, hydraulic systems, and mobile equipment that keep

freight, mining operations, and construction activities moving. As noted in GOED's Annual Reports, these sectors are among the state's strongest contributors to regional economic activity, and their continued growth depends on strengthening the workforce pipelines that support equipment reliability and fleet uptime. This emphasis aligns directly with the technician occupations TMCC trains for, which underpin the functioning of mining operations, regional distribution networks, commercial transportation, and public works.

State and National Workforce Demand

Labor market indicators demonstrate a sustained and growing mismatch between employer demand and the availability of trained technicians in Nevada's Natural Resources & Technologies sector. The primary Standard Occupational Classification (SOC) codes aligned with this program include:

SOC 49-3031 – Bus and Truck Mechanics and Diesel Engine Specialists

SOC 49-3042 – Mobile Heavy Equipment Mechanics

SOC 49-9041 – Industrial Machinery Mechanics

Across these occupations, Nevada consistently outpaces national growth projections, reflecting the state's reliance on equipment-intensive industries such as mining, logistics, construction, and industrial operations.

For Bus and Truck Mechanics and Diesel Engine Specialists (SOC 49-3031), employment in Nevada is projected to grow 28% through 2032, with approximately 160 annual openings, compared to just 2% growth nationally (26,500 annual openings).

For Mobile Heavy Equipment Mechanics (SOC 49-3042), employment is projected to grow 24% in Nevada, generating approximately 270 annual openings, compared to 6% growth nationally (16,500 annual openings).

For Industrial Machinery Mechanics (SOC 49-9041), employment is projected to grow 32% in Nevada, with approximately 220 annual openings, compared to 16% growth nationally (45,700 annual openings).

Combined, these occupations represent approximately 650 annual job openings in Nevada, underscoring a substantial and ongoing workforce need across the state.

Wage data further reinforces the value of these career pathways and Nevada's competitive labor market.

In the Reno region:

Bus and Truck Mechanics earn an average of \$34.87/hour, compared to \$29.15/hour nationally

Mobile Heavy Equipment Mechanics earn an average of \$36.40/hour, compared to \$30.76/hour nationally

Industrial Machinery Mechanics earn an average of \$36.50/hour, compared to \$30.65/hour nationally

Entry-level wages also exceed national averages. For example:

Mobile Heavy Equipment Mechanics in Reno start at approximately \$25.28/hour vs. \$21.85/hour nationally

Industrial Machinery Mechanics in Reno start at approximately \$29.27/hour vs. \$21.68/hour nationally

These data points demonstrate that Nevada not only faces strong demand for technicians but also offers high-wage, career-track employment opportunities that support economic mobility and long-term workforce stability.

Together, these trends highlight a clear and sustained need for expanded training capacity. Without an adequate pipeline of skilled technicians, employers in mining, transportation, logistics, and industrial sectors face ongoing challenges maintaining equipment, sustaining operations, and supporting Nevada's economic growth.

Training Program Availability & Workforce Supply

In the State of Nevada, TMCC is the only provider of a training program for SOC 49-3042, Mobile Heavy Equipment Mechanics. This is a new program, launched in Fall 2025. Therefore we do not yet have any complete data. Great Basin College is the only college that provides a training program for SOC 49-9041, Industrial Maintenance Mechanics, with 83 total awards. The overall total of trainees supplied is 83.

Net Labor Market Shortage/ Gap

Although the total number of trainees being supplied annually to this sector is 83, there are 490 annual openings. This leaves a workforce training gap of 407 trainees per year. These figures corroborate the need our employers in Nevada are articulating. Employers in northern Nevada, including Couer Rochester,

Empire Southwest, LLC, and McCandless Truck Center, regularly report difficulty filling vacancies requiring advanced diagnostics, hydraulics, and electrical troubleshooting skills. These concerns mirror themes in GOED's Annual Report describing industry needs for talent pipelines that support the state's logistics base and its mining and manufacturing infrastructure.

Program Objectives and Outcomes

Program Overview

In Nevada's mining and industrial economy, production depends on equipment uptime, yet employers across the state report persistent shortages of skilled technicians needed to keep critical systems operating safely and efficiently.

Truckee Meadows Community College (TMCC) proposes to expand its Heavy Equipment and Diesel Technology program to address a persistent workforce shortage in Nevada's Natural Resources & Technologies sector. Building on prior GOED WINN investments that helped establish and strengthen diesel training at TMCC, this project represents the next phase of program growth, focused on increasing the number of students trained and ensuring that instructional capacity keeps pace with industry demand. Employer partners in mining and industrial operations continue to report difficulty hiring technicians with modern electrical, hydraulic, and diagnostic skills, reinforcing the need to sustain program quality while expanding training throughput.

The Heavy Equipment Technician program prepares students for careers maintaining and repairing the mobile and stationary equipment that supports mining, construction, and industrial operations across Nevada. The program is structured as a stackable career pathway that allows students to enter quickly, gain marketable skills, and continue progressing toward higher-level credentials and long-term career advancement. Courses completed at each level apply toward the next credential, supporting both immediate workforce entry and continued education.

Students may begin with short-term Skills Certificates (SKCs) aligned with Automotive Service Excellence (ASE) standards. The Heavy Equipment Electrical Skills Certificate (14 credits) and the Heavy Equipment Hydraulics Skills Certificate (9 credits) can each be completed in one semester, providing foundational competencies required by employers. Students may then advance to the Heavy Equipment Maintenance Technician Certificate of Achievement (39 credits), typically completed in three or more semesters, which prepares graduates for comprehensive maintenance and diagnostic roles.

The pathway culminates in the Heavy Equipment Technician, Transportation Technologies Associate of Applied Science (AAS) degree, a 60-credit program completed in four or more semesters, providing full preparation for advanced technician positions and long-term career progression within Nevada's natural resource and industrial economy.

In addition to postsecondary credentials, students earn industry-recognized NC3 certifications that align directly with employer expectations, including multimeter operation, introductory and advanced soldering, and precision measurement (five certifications). These credentials validate competencies in electrical diagnostics, component repair, and technical measurement, providing portable, employer-recognized proof of skill attainment.

This Program Overview describes the educational foundation and career pathway for the Heavy Equipment Technician program. The Capacity-Building Program Design section that follows outlines the targeted investments in equipment, technology, and instructional infrastructure that will allow TMCC to expand enrollment and meet employer demand.

Employer Engagement

Employer engagement is foundational to TMCC's Heavy Equipment Technician program and reflects a continuous partnership model from program design through hiring. Regional employers experiencing

technician shortages have informed the development of the program through advisory board participation, direct consultation, and ongoing feedback regarding skill requirements, equipment standards, and credential priorities. This input has guided curriculum alignment with current industry needs, including emphasis on electrical diagnostics, hydraulic systems, and NC3-aligned competencies.

Employer partners will continue to support the program by validating training relevance, advising on emerging skill needs, and participating in periodic program review as enrollment expands. Their operational environments also inform equipment selection and instructional practices to ensure that training reflects real-world job conditions.

Most importantly, these employers represent the primary hiring pipeline for program graduates. Letters of support document current and anticipated job openings, projected wages, and designated employer contacts. As additional cohorts complete training, employer partners have indicated strong demand for locally trained technicians and a preference for TMCC graduates who are prepared to enter the workforce with minimal additional onboarding.

This employer-driven model ensures that program expansion through WINN investment will translate directly into job placement and workforce impact for Nevada's Natural Resources & Technologies sector.

Capacity-Building Program Design

This project represents the next phase of TMCC's diesel workforce strategy by removing the operational constraints that currently limit the Heavy Equipment Technician program's ability to scale. Employer demand for heavy equipment technicians continues to exceed supply, and while curriculum, faculty expertise, and industry partnerships are established, limitations in outreach, tooling, instructional equipment, and lab infrastructure restrict enrollment growth and training throughput. Building on the success of prior GOED WINN investments in diesel training, this project focuses on targeted capacity enhancements that will allow TMCC to train more students while maintaining industry-level quality.

Targeted Recruitment and Program Awareness

TMCC currently conducts broad institutional outreach and hosts hundreds of prospective students and community members through tours and events each year. However, awareness of the advanced training opportunities within the William N. Pennington Center for Applied Technology remains limited. WINN funding will support targeted digital marketing and program-specific print materials to increase visibility of the Heavy Equipment Technician pathway. These efforts will improve course fill rates, expand enrollment, and increase the number of students entering high-wage technical careers.

Expanded Instructional Capacity and Staffing

To support increased enrollment, the Applied Technology Division is expanding instructional capacity through the addition of a full-time faculty member in Fall 2026 and two newly hired part-time instructors beginning Spring 2026. These hires will allow TMCC to increase course offerings to meet employer demand. Existing faculty and scheduling structures can support the training of additional students once equipment limitations are addressed, with adjunct or employer-supported instruction incorporated as needed through established enrollment management processes.

Equipment Standardization and Training Infrastructure

The primary barrier to program expansion is the availability and consistency of hands-on training equipment. Currently, incomplete and shared tool sets across instructional bays create delays, limit concurrent instruction, and reduce the number of students who can be trained at one time.

WINN funding will allow TMCC to standardize tooling across all instructional bays and acquire critical training equipment, including the following:

Two Cummins X15 engines for advanced diagnostics and teardown

A forklift to safely move heavy components

Updated hydraulic, electrical, and torque equipment aligned with industry technology

Facility enhancements will include a dedicated tool enclosure with integrated charging systems for battery-powered tools and diagnostic equipment, as well as a five-station wash sink to improve workflow, safety, and lab efficiency. Together, these improvements will reduce congestion, support larger cohorts, and create a training environment that mirrors employer worksites.

Technology-Enabled Curriculum Development and Faculty Development

Instruction will incorporate digital diagnostic content consistent with industry practice. The project includes a mobile Smartboard and 18 laptops with a charging cart to support paper-free instruction and access to online diagnostic manuals and open educational resources, reducing costs for students while strengthening workforce readiness.

Faculty professional development will expand TMCC's ability to deliver NC3-aligned instruction in electrical diagnostics, soldering, precision measurement, and related competencies. Additional NC3 training will allow instructors to increase the number of industry-recognized certifications offered, ensuring that expanded enrollment is matched by instructional rigor, currency, and consistency.

Statewide Impact and WINN Alignment

The GOED Annual Report identifies workforce shortages in skilled technical occupations that support Nevada's mining, industrial, and infrastructure sectors as a key economic challenge. Expanding TMCC's training capacity directly addresses this priority by increasing the number of work-ready technicians needed to maintain critical equipment that supports production, mobility, and supply chain operations across the state.

By resolving key constraints within the heavy equipment lab, this WINN-funded enhancement will produce sustained increases in training capacity, employer-aligned skills, and high-wage job placement. This approach mirrors the results of previous WINN investments at TMCC, where targeted infrastructure and equipment improvements enabled rapid scaling to meet employer hiring demand.

Will this program include funding for staff?

No

Justification for Existing Staff

TMCC's Heavy Equipment Technician program is designed to expand primarily by leveraging existing instructional capacity and planned state-supported positions rather than creating new grant-funded staffing. The primary constraint to program growth is not instructor availability, but the equipment, instructional resources, and student awareness needed to fully utilize current and committed faculty.

The Applied Technology Division currently delivers diesel training with experienced instructors who have deep industry backgrounds and strong employer relationships. A new state-funded diesel faculty position is planned for the coming year, and the program will also expand instructional coverage through additional part-time faculty drawn from industry. This approach allows TMCC to scale course offerings quickly while maintaining instructional quality and real-world relevance.

WINN-supported investments will allow these instructors to teach more students per term by removing operational barriers that currently limit enrollment. Standardized toolsets for each instructional bay, additional engines for hands-on training, and improved access to digital diagnostic resources through student laptops will enable faculty to run concurrent lab activities, maintain appropriate student-to-equipment ratios, and deliver industry-level training without delays caused by shared or incomplete resources. A mobile Smartboard will further support efficient instruction and demonstration of diagnostic procedures.

Increasing program awareness through targeted marketing will also improve course fill rates, ensuring that existing and newly hired instructors are teaching at full capacity. Together, these investments allow TMCC to maximize the impact of current staffing and planned hires, translating directly into an increased number of students trained each year.

Instructor Pipeline and Implementation Strategy

TMCC's staffing model is intentionally aligned with the realities of the heavy equipment and diesel workforce. Part-time instructors are recruited directly from regional employers, ensuring that instruction reflects current industry practices while strengthening employer engagement and hiring pathways. This sector-based recruitment approach has been successful in TMCC's diesel programs and provides a reliable pool of qualified adjunct instructors.

The primary staffing challenge in this field is competition with industry wages and the timing required to transition experienced technicians into teaching roles. To address this, TMCC maintains ongoing relationships with employer partners, identifies potential instructors in advance of scheduling needs, and uses flexible adjunct appointments to bring qualified professionals into the classroom quickly. The addition of the state-funded full-time faculty position further stabilizes instructional capacity and reduces reliance on short-term staffing adjustments.

By aligning staffing with equipment capacity and enrollment growth, TMCC will be positioned to expand training immediately upon implementation. This model reflects the college's successful approach in prior GOED-supported diesel initiatives, where targeted infrastructure and resource investments allowed existing instructors to rapidly scale training to meet employer demand.

Recruitment

Recruitment Strategy and Target Population

The Heavy Equipment Technician program is designed to serve multiple workforce entry points, including recent high school graduates, adults seeking a career change, and incumbent workers who need to upskill or transition into higher-wage technical roles. These populations represent a strong regional talent pool for Nevada's Natural Resources & Technologies sector, but awareness of the training pathway remains a primary barrier to enrollment.

The program itself was developed in response to advisory board input identifying the need for a local pipeline of heavy equipment technicians. However, as a new offering within the Applied Technology Division, many prospective students and community members remain unaware of the training opportunities available. Employers and community partners consistently report interest in skilled trades careers, yet outreach interactions frequently reveal that individuals did not realize these programs were accessible locally.

WINN-supported marketing will address this awareness gap and support full utilization of expanded training capacity. A targeted digital campaign will use contracted programmatic advertising to reach new audiences through social media and online platforms, focusing on individuals most likely to pursue technical career pathways. These efforts will expand the program's reach beyond existing institutional marketing and connect directly with career changers, recent graduates, and working adults.

In addition, WINN funds will support the design and printing of program-specific recruitment materials for use at outreach events, career fairs, and community presentations. Materials will also be displayed in the Information Center at the William N. Pennington Center for Applied Technology, where the Outreach and Recruitment Team hosts hundreds of prospective students and community visitors each year. Providing clear, accessible information at the point of interest helps convert tour participation and event engagement into program enrollment.

By increasing awareness and improving course fill rates, these recruitment efforts will ensure that expanded instructional capacity translates directly into more students entering training and moving into high-demand technician careers.

Outcomes

Between Fall 2026 and Spring 2027, course fill rates will increase from 70% to 85%, reflecting improved recruitment and marketing.

Between Fall 2026 and Spring 2027, student training headcount will increase from 120 students to 150 students as expanded lab capacity allows more students to participate in hands-on training.

By Spring 2027, TMCC projects its first Heavy Equipment Technician program completers, approximately 9 students as there are 9 declared majors.

By Spring 2027, TMCC projects a 25% increase in total awards across the diesel department (approximately 105), compared to FY 2024–25.

By Spring 2027, TMCC projects 30 graduates placed in industry positions supporting workforce needs across Nevada's equipment-dependent industries.

Graduates are expected to enter employment with average hourly wages ranging from approximately \$31-\$38 statewide, with Reno-area averages of \$35 per hour, depending on occupation and employer.

Sustainability Plan

The Heavy Equipment and Diesel Technician Workforce Capacity Expansion is designed as a permanent capacity investment that will continue to deliver workforce outcomes long after the GOED WINN grant period. The program itself is an established offering within TMCC's Applied Technology Division, and this project focuses on durable equipment and infrastructure improvements rather than time-limited program activities. These investments will remain in continuous use for many years, allowing TMCC to train future cohorts without reliance on ongoing grant funding.

The primary sustainability mechanism is the long useful life of the tools, diagnostic equipment, instructional engines, and shop enhancements supported through WINN. Standardized tooling and modernized lab resources will allow TMCC to increase the number of students trained each year, improve instructional efficiency, and expand course offerings using existing faculty and facilities. As enrollment grows, tuition and fee revenue will support routine maintenance, consumable supplies, and phased equipment replacement, ensuring continued program operation.

Student access and enrollment stability will also be supported through ongoing public funding sources, including Perkins Career and Technical Education funds, federal financial aid, and workforce training resources available through WIOA and other state-administered programs. These funding streams help maintain strong enrollment pipelines and ensure that cost is not a barrier for students entering high-demand technical careers.

Sustainability is further strengthened by consistent employer demand for heavy equipment and diesel technicians across Nevada's Natural Resources & Technologies sector. Ongoing advisory board engagement ensures that the program remains aligned with workforce needs and positions TMCC for future public-private partnerships, employer-sponsored training, equipment donations, and other industry-supported enhancements. The program's stackable credential structure - skills certificates, certificates of achievement, and an associate degree - supports both entry-level hiring and career advancement, reinforcing long-term relevance in the labor market.

Finally, the Heavy Equipment and Diesel programs are fully integrated within TMCC's Applied Technology Division and broader workforce development system. This institutional structure provides shared facilities, administrative support, and long-term planning capacity, ensuring that the expanded training capacity created through WINN will be sustained, utilized, and adapted over time to meet Nevada's evolving workforce needs.

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

Yes

Supporting Documents

TMCC Edison Diesel Renovation Plans R2.pdf

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

TMCC's Heavy Equipment and Diesel Technician programs are grounded in a strong institutional commitment to equity, access, and workforce representation that reflects the diversity of Nevada's communities. TMCC is intentional about inclusive marketing for the applied technology programs that have historically seen lower representation among women.. This project provides an opportunity to expand access to high-skill, high-wage careers within the Mining sector for all members of our community. Once enrolled, students will be supported through TMCC's comprehensive network of wraparound services designed to improve retention and completion. These include academic advising, tutoring, financial aid counseling, the Career Hub, the Wizard's Warehouse food pantry, counseling services, and disability accommodations through TMCC's Accessibility Services. For justice-involved students and those receiving public assistance, coordinated referrals will ensure access to case management and supportive services that address barriers related to transportation, housing, food insecurity, and scheduling flexibility. The stackable credential structure, beginning with short-term Skills Certificates, provides an open access entry point encouraging students to build momentum toward completion in manageable chunks while maintaining employment or family responsibilities.

Employer engagement also plays a key role in creating an inclusive workforce. Our employer partners regularly hire our students. As more women enter the program, there will be more qualified female candidates for our industry partners to interview. We will continue to invite employers to campus to provide classroom presentations, attend open houses and career fairs creating opportunities for face-to-face meetings with our students.

Workforce Diversity Commitment Statement

TMCC affirms its ongoing commitment to workforce diversity, equity, and inclusion, by ensuring that students from all backgrounds, gender, race/ethnicity, veteran status, socioeconomic status, or disability status, are provided equitable, meaningful access to education and training that leads to sustainable, high-wage employment. The Diesel Technology Department has made a concerted effort to increase representation of women in the program through banners that feature women and by hiring female instructional assistants. Their efforts have paid off. From Fall 2024 - Fall 2025 the number of women in the program increased 150%. We will continue these efforts with the programmatic marketing dollars

requested, to ensure we continue this trend. Further, our outreach to the community, which is 34% Hispanic / Latino, has yielded a 39% increase in Hispanic / Latino enrollment from Fall 2024 - 2025 in the Diesel and Heavy Equipment programs.

TMCC will continue to monitor enrollment, participation, and completion trends within the Diesel and Heavy Equipment programs to ensure representation reflects the diversity of the college and the region it serves. Through sustained employer engagement and continuous curriculum improvement, TMCC will align training opportunities with equitable hiring pathways that support Nevada's economic diversification goals. These efforts reflect TMCC's mission and the State of Nevada's commitment to cultivating a workforce that is both highly skilled and representative of the communities it serves, ensuring that growth in the Information Technology sector benefits all Nevadans.

Statement to Comply with Federal & State Law

TMCC, as a public institution within the Nevada System of Higher Education (NSHE) and an agency of the State of Nevada, is committed to full compliance with all applicable federal and state laws, regulations, and administrative requirements.

TMCC administers all programs and funding in accordance with relevant federal statutes and regulations, Nevada Revised Statutes (NRS), Nevada Administrative Code (NAC), and NSHE policies and procedures. This includes, but is not limited to, compliance with applicable requirements related to fiscal stewardship, procurement, accessibility, non-discrimination, data security, and program administration.

TMCC maintains established internal controls, oversight processes, and compliance frameworks to ensure responsible management of public funds and adherence to all applicable legal and regulatory obligations throughout the life of any awarded grant.

Request for Funding

Has any part of this program received prior capacity funding?

Yes

Justification for Continued Capacity Funding

Recent investments in heavy equipment over the past two years made it possible for TMCC to develop and launch the Heavy Equipment Technician curriculum and establish a new workforce pathway aligned with employer demand. The program has generated strong interest from students and industry partners, and early enrollment patterns indicate continued growth as awareness expands.

While the instructional framework and faculty capacity are in place, existing tools, technology, and shop resources are not sufficient to support the level of demand. Current equipment limitations restrict the number of students who can be trained at one time and limit the program's ability to fully reflect modern industry environments. The lab also lacks several key components expected in today's workplaces, including current-generation heavy-duty engines for advanced diagnostics, a forklift for safe material handling, and adequate charging and wash stations to support efficient shop operations.

The requested capacity investments will remove these operational bottlenecks, allowing TMCC to train more students while improving instructional quality, safety, and alignment with employer expectations. Standardized tools and modern equipment will ensure that graduates demonstrate proficiency in diagnostics, workflow, and shop practices consistent with industry standards.

Because these assets have long service lives, the proposed upgrades represent a durable, high-impact investment that will support multiple cohorts over many years. This request builds directly on prior equipment investments that enabled program launch and focuses on the next phase of growth, scaling training capacity to meet sustained workforce demand in Nevada's Natural Resources & Technologies sector.

Total Project Cost

\$636,636.55

WINN Funding Request

\$636,636.55

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 be submitted as often as monthly. What are your invoicing plans?

Quarterly

Cost Estimates

TMCC_GOED WINN_Quotes-Heavy Equipment-Diesel Technology.pdf

Hydraulics Training System - 20260420FL.TRU - Quote (1).pdf

2. Updated_4-27-26.v.2- TMCC_Diesel-Heavy Equipment_WINN-Application-Budget-Template .xlsx

Budget Narrative

3. Updated_4-27-26.v.2-TMCC GOED WINN_Budget Narrative_Heavy Eq-Diesel Tech - Copy.docx

APPLICATION FOR WINN FUNDS - BUDGET BREAKDOWN

APPLICANT NAME: Truckee Meadows Community College

PROJECT NAME: TMCC Heavy Equipment & Diesel Technician Workforce Capacity Expansion

PROJECT PERIOD: 06/01/2026 - 06/30/2027

PRIORITY PROGRAM COSTS

Enter the total cost for each line in the far right column	Total WINN Request
Candidate Assessment Fees	\$0.00
Instructional and/or Curriculum Development Services	\$0.00
Direct Program Personnel (e.g. Navigator, Liaison, Coordinator)	\$0.00
Equipment or Technology for Training (Cummins Turnkey Training Model; C5P1055-76 Forklift; Build-a-Bay Toolboxes)	\$534,627.50
Priority Costs Subtotal:	\$534,627.50

ALLOWABLE PROGRAM COSTS

Enter the total cost for each line in the far right column	Total WINN Request
Training Fees (NC3 Trainings)	\$2,000.00
Analysis of On-Site Training	\$0.00
Administrative or General Support Personnel (May not exceed 10% of total funding)	\$57,876.05
Instructional Facility Rental Costs	\$0.00
Program Promotion Costs	\$10,000.00
Installation)	\$32,133.00
Non-Priority Costs Subtotal:	\$102,009.05

TOTAL WINN REQUEST: \$636,636.55

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

TOTAL PROJECT FUNDING SOURCES

APPLICANT NAME: Truckee Meadows Community College

PROJECT NAME: TMCC Heavy Equipment & Diesel Technician Workforce Capacity Expansion

<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	\$ 534,627.50	\$ -	\$ -	\$	534,627.50
Allowable Program Costs	\$ 102,009.05	\$ -	\$ -	\$	102,009.05
Total Budget:	\$636,636.55	\$0.00	\$0.00		\$636,636.55

Additional Information on Total Project Cost, if any:

Budget Narrative

TMCC Heavy Equipment & Diesel Technology Workforce Capacity Expansion

Primary Economic Sectors:

Natural Resources & Technologies and Transportation & Logistics

TMCC's budget reflects targeted investments that directly remove current training constraints of limited equipment, inconsistent tooling, and insufficient infrastructure, so the college can increase the number of students trained for Nevada's equipment-dependent industries.

PRIORITY PROGRAM COSTS:

Equipment or Technology for Training

Engines X15 CM2450 X142B Turnkey Training Modules - \$121,280

TMCC will acquire two Cummins X15 CM2450 X142B turnkey training modules to support advanced diagnostics and engine training. These engines reflect current industry technology and are essential for preparing students for modern diesel and heavy equipment careers. The total cost is \$121,280 (including shipping). These units will be used for diagnostics, teardown, and reassembly training, ensuring students gain hands-on experience with equipment used by regional employers.

C5P1055-76 Forklift - \$75,739.50

A **diesel-powered forklift** will be purchased to safely move engines and heavy components within the lab. This equipment is essential for both instructional realism and safety, as it allows students to train in an environment that mirrors industry shop operations. This investment supports safe material handling, improves workflow, and enables efficient use of lab space as student volume increases.

Build-a-Bay Tool System - \$200,000

The Build-a-Bay tool system, which will fully equip each instructional bay, will provide complete uniform toolsets that eliminate delays caused by shared or incomplete equipment and allow instructors to deliver consistent, high-quality instruction across multiple cohorts.

Advanced Hydraulics Training System - \$137,608

TMCC will acquire a modular, industry-grade hydraulics training system to support instruction in advanced fluid power systems used in heavy equipment. This system includes a double-station trainer with integrated troubleshooting capabilities, diagnostic accessories, and multiple system modules that simulate real-world hydraulic operations and failure scenarios.

This investment addresses a critical training gap by allowing students to develop hands-on diagnostic and repair skills in a controlled environment, which cannot be consistently replicated using existing equipment alone. The system supports multiple students simultaneously, increasing instructional capacity while strengthening alignment with employer expectations for hydraulic troubleshooting and system-level diagnostics. As a durable, high-impact training asset, this equipment will enhance program quality and expand the number of students prepared for high-demand heavy equipment and diesel technician roles.

Priority Costs Subtotal - \$534,627.50

ALLOWABLE PROGRAM COSTS (Non-Priority Costs):

Training Fees - \$2,000

Training fees will support faculty participation in NC3 (National Coalition of Certification Centers) training aligned with TMCC's Heavy Equipment and Diesel Technology program. These trainings will allow instructors to deliver industry-recognized certifications in key areas such as electrical diagnostics, precision measurement, and advanced diesel systems. Expanding faculty certification directly increases program capacity by enabling more students to earn NC3 credentials as part of their coursework, strengthening both instructional quality and alignment with employer expectations.

This investment has a multiplier effect: once certified, faculty can continue delivering NC3 credentials to future cohorts without additional training costs. These certifications are highly valued by employers in Nevada's mining, transportation, and industrial sectors, as they validate hands-on competencies with current equipment and technologies. As a result, this funding supports increased student completion, stronger job readiness, and improved placement outcomes in high-demand heavy diesel careers.

Administrative or General Support Personnel - \$57,876.05 (not to exceed 10% of total project costs) This portion of the budget will support the coordination, implementation, and oversight of the Heavy Equipment and Diesel Technology Capacity Expansion project. This includes contributions from multiple institutional units that ensure the program operates effectively and in compliance with state requirements, including grant management, fiscal oversight, procurement, reporting, scheduling, and student support services. Given the number of moving components - equipment acquisition, facility enhancements, faculty training, and expanded enrollment - this support is valuable to maintaining project timelines, ensuring proper use of funds, and aligning program outcomes with GOED WINN performance expectations. This request reflects the shared, cross-functional effort required to successfully implement and sustain a high-impact workforce training initiative a scale.

Program Promotion Costs - \$10,000

Program promotion costs will increase program awareness and improve course fill rates. Based on guidance from TMCC's Marketing and Communications Office, digital advertising campaigns are estimated at \$10,000 - \$15,000 per campaign, with additional funds allocated for creative development and print materials.

These funds will support geofenced digital outreach, social media advertising, and printed recruitment materials distributed during campus tours and community events. This investment is critical to reaching new audiences, including high school graduates, career changers, and incumbent workers, and ensuring that expanded program capacity is fully utilized.

Other Necessary Costs

Diesel Facility Improvement - \$23,133

Facility improvements include the development of a dedicated tool enclosure and integrated charging station for battery-powered tools and diagnostic equipment. These enhancements will improve tool management, reduce congestion, and create a structured training environment that reflects industry shop standards.

Minor tenant improvements within the lab space, including electrical upgrades and interior modifications, will support the installation and operation of new equipment. As shown in the diesel lab improvement estimate, these upgrades are modest but essential to ensuring the functionality and safety of the expanded training environment.

5-Pedal Sink - \$6,119

Installation of 5-Pedal Sink - \$2,881

To support increased student volume and improve lab efficiency, the project includes targeted infrastructure upgrades within the diesel lab. A five-station, hands-free wash sink, quoted at \$6,119, will improve workflow, hygiene, and safety while allowing multiple students to work simultaneously without bottlenecks. TMCC Facilities, Operations, and Capital planning personnel will complete the installation of the 5-Pedal Sink.

Non-Priority Costs Subtotal - \$102,009.05

TOTAL WINN REQUEST: \$636,636.55



Cummins Inc.
 Jason Knoke
 7660 S International Dr
 Columbus, IN 47201
 USA
 Phone: 812-344-0534
 Fax:

Quote Number: 0827
 Date: 12/16/2025
 Currency: USD

*Send To:
 Recipient's email*

BILL TO: Truckee Meadows Community College
 Accounts Payable RMDT 230
 7000 Dandini Blvd

 Reno, NV 89512
 USA

SHIP TO: Truckee Meadows Community College
 Jeremy Coggin
 475 Edison Way Reno

 Reno , NV 89502
 USA

Item Name	Description	Quantity	Unit Price(USD)	Taxable	Amount(USD)
2024 X15 CM2450 X142B	2024 X15 CM2450 X142B Turnkey Training Module	1	\$57,840.00	False	\$57,840.00
2024 X15 CM2450 X142B	2024 X15 CM2450 X142B Turnkey Training Module	1	\$57,840.00	False	\$57,840.00
				Subtotal:	\$115,680.00
				Shipping:	\$5,600.00
				Total:	\$121,280.00

<p>Terms and Conditions: Payment Terms = NET 60 Quote valid for 90 days Lead time is approximately 180 days from date of receiving purchase order.</p>
<p>Notes to Recipient: Products are sold AS-IS with no warranty.</p>



Crown Lift Trucks - Reno

895 East Patriot Blvd
Reno, NV 89511

crown.com

Quotation

10/09/2025

Quote No. 970666

TMCC

TMCC
475 Edison Way
Reno, NV 89502

Dear Eric,

Crown is pleased to present this proposal for a material handling solution designed to help you meet your company's operational goals. Our dedicated team of professionals is committed to providing integrated solutions that deliver a low total cost of ownership and exceptional long-term value.

Crown's award-winning line of lift trucks demonstrates its reputation for advanced product design, engineering, and integrated manufacturing processes. Offering a broad range of forklifts, as well as automation and fleet management technologies, Crown seeks to provide customers with innovative, forward-thinking solutions designed to improve performance and reduce operating cost.

Many top ranked companies choose Crown due to the extraordinary trust they place in the company and its products, as well as the support they receive from the most comprehensive customer support and service network in the industry. Our goal is to be one of your best business decisions.

Thank you for the opportunity to present this proposal and the prospect of supporting your business success.

Sincerely,

Emma Bartlett
Account Representative
EMMA.BARTLETT@CROWN.COM

C-5 SERIES

DELIVERING DURABILITY & COMFORT

Crown Redefines IC with a True Industrial Truck Line. You've been settling for the limitations of gas lift trucks for years: engines intended for automobiles that run hotter than they should, brakes and cooling systems that are not up to the task and service that seems never ending.

Discover the productive and dependable C-5 Series Pneumatic Diesel:



Industrial 2.5L Diesel Engine



With direct injection and gear-driven valve train, the 2.5L Kohler diesel engine produces 62 HP providing reliable long-term performance and 1000-hour oil change intervals. Compliant with Tier 4 emission standards without the use of diesel exhaust fluid (DEF) or Diesel Particulate Filter (DPF).

Crown's Power Disc Brake



The full circle pads provide up to 3x longer life and require 93% less service checks.

On-Demand Cooling®



Crown's standard On-Demand Cooling brings extra cooling and radiator clearing to the efficient dual-radiator system in high-heat and high-debris environments.

Operator Comfort



Operators benefit from an adjustable armrest that aligns the right arm to the manual hydraulic levers for comfort and productivity. Multiple seat options and a spacious operator compartment add to the all-day comfort.

Service & Support



The C-5 Series is a robust forklift backed by Crown's nationwide service and support network, including quality parts and the assured performance of the Crown Integrity Service System®.

Enjoy more durability and comfort with the C-5 Series Pneumatic Diesel forklift.

Contact your local Crown dealer or visit crown.com.





Crown Lift Trucks - Reno

895 East Patriot Blvd
Reno, NV 89511

crown.com

Quotation

10/09/2025

Quote No. 970666

TMCC

Features and Options

C5P1055-65 6,500 lb. Capacity, IC Pneumatic Tire

Mfg. Standard for Destination	ANSI
Environmental Designation (UL Rating)	Diesel UL "DS" Rated
Mast Type	TT
Lift Height	189"/4800mm
Collapsed Height	92"/2335mm
Tilt Options	5 Degrees Back / 5 Degrees Forward
Belly Pan	Full Belly Pan (2x2 Mesh)
Steer Cylinder Shield	Steer Cylinder Shield
Steer Axle Mounting	Rigid Steer Axle
Overhead Guard Options	Isomounted Operator Cell
Sideshifter	Cascade
Accessory Hydraulics	Single Accessory Hydraulic
3rd Lever (w/ Single or Double Function Hydraulics)	Sideshift Symbol
Fork Carriage Width	44"/1120mm
Thrust Rollers on Carriage	Lower and Upper Thrust Rollers
Zinc Plated Corrosion Resistant Chain	Zinc Plated Chain and Lube
Fork Type	Partial Tapered Forks
Fork Size	1.8" x 5" / 45mm x 125mm
Fork Length	42"/1065mm
Fork Spread	43"/1090mm
Load Backrest Size	45" x 48"/1145mm x 1220mm(WxH)
Battery Type	Wet Cell - Severe Duty
Alternator	12 Volt 100 Amps Standard
Exhaust System	Diesel High Exhaust Stack
On-Demand Cooling®	Yes
Radiator Type	Dual Opencore Radiator
Radiator Screen	ODC Radiator Screen
Counterweight Grille	Counterweight Louvers
Air Intake	Dual Element Mech. Indicator
Seat Option	FlexSeat™ Fabric
Seatbelt	High Visibility Orange Seatbelt
Steering Wheel Option	13" Steering Wheel
Number of Pedals	Separate Inching and Brake Pedal (3 Pedals)
Horn	Yes
Brake System	Power Brakes



Crown Lift Trucks - Reno

895 East Patriot Blvd
Reno, NV 89511

crown.com

Quotation

10/09/2025

Quote No. 970666

TMCC

Tread Width

Drive Tire Manufacturer

Drive Tire Options

Steer Tire Manufacturer

Steer Tire Options

Tow Hitch Pin

Mud Scraper/Step Plate

Paint Color

Label & Decal Language

Shipment Handling

Standard Tread

Solideal Xtreme

28 x 9-15 Resilient/Super Elastic

Solideal Xtreme Solid Soft - Pneumatic

6.50-10 Resilient/ Super Elastic

Tow Pin

Mud Scraper / Step Plate

Crown Beige/Gray

US English

Standing

Warranties:

Standard Warranty

Standard - 1 Year / Unlimited Hours



Crown Lift Trucks - Reno

895 East Patriot Blvd
Reno, NV 89511

crown.com

Quotation

10/09/2025

Quote No. 970666

TMCC

Pricing Information

Quantity	Products	Price Each	Extended
1	C5P1055-65	\$75,739.50	\$75,739.50
Total Package Price: (Tax not included in price)			\$75,739.50

CUSTOMER AGREES: (1) PRICES ARE FIRM FOR FIFTEEN (15) DAYS FROM THE DATE OF THIS QUOTATION; (2) THIS QUOTATION INCORPORATES CROWN'S TERMS AND CONDITIONS OF SALE AVAILABLE AT crown.com/en-us/terms-and-conditions ("TERMS") AS IF FULLY RESTATED IN THIS QUOTATION (THIS QUOTATION AND THE TERMS ARE COLLECTIVELY THE "AGREEMENT"); (3) IT HAS READ, OR HAS HAD THE OPPORTUNITY TO READ, THE AGREEMENT; AND (4) UNDERSIGNED HAS THE AUTHORITY TO BIND CUSTOMER AND ENTER INTO THE AGREEMENT.

Prices quoted are based upon quantities specified above.
If **TMCC** cannot accept merchandise at the time of shipment from our supplier, **TMCC** will be invoiced and normal terms will apply.

Above prices are subject to all state and local taxes
FOB: Delivered
Terms: Net 10 DAYS

Crown Lift Trucks

Emma Bartlett

Emma Bartlett
Account Representative

TMCC

By _____

Title _____

Date _____



MAKE EVERY CONNECTION COUNT

Crown's InfoLink® Operator and Fleet Management System opens a world of data that matters most, enabling you to:

- Promote and manage safety
- Uncover hidden risk
- Find cost-savings
- Reinforce training
- Empower operators and managers
- Accelerate improvement

InfoLink wirelessly connects your entire fleet, capturing critical operator and lift truck data to provide valuable insights about your operation. Real time alerts, intuitive dashboards and detailed reports provide the information you need, when and how you need it, to make data-driven decisions. With InfoLink, it's easy to define benchmarks and measure results for continued progress in improving safety, reducing expenses and increasing productivity.



7" Touch Shown

Learn how InfoLink can give your business the Crown Advantage:

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Understand actual productivity levels and where improvements can be made: processes, operators, infrastructure.

Promote Safety Compliance



Operator certification and customizable inspection checklists help to prevent unauthorized use of equipment and ensure compliance.

Increase Lift Truck Uptime



Schedule planned maintenance based on actual usage to improve uptime.

Enhance Asset Management



Visibility of equipment utilization allows for proper allocation and elimination of unneeded rentals and leases.

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Reduce lift truck, facility and product damage with impact monitoring that enables timely feedback and operator coaching.

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Quote

Submit to

Snap-on Industrial
 3011 IL RTE 176, Door 1
 Crystal Lake, IL 60014
 877-740-1900

Quote Number	IMP-001592489	Ship Via	1 - UPS GROUND
Quote Date	1/22/2026	Payment Terms	P30 - NET 30 DAYS
Quote Expiration Date	3/23/2026	Ship to	201602468 TRUCKEE MEADOWS C.C. DIESEL PROGRAM 475 EDISON WAY RENO NV 89502
Customer Name	TRUCKEE MEADOWS C.C. DIESEL PROGRAM	Bill to	201335334 TRUCKEE MEADOWS C.C. CONTROLLERS OFFICE 7000 DANDINI BLVD RENO NV 89512
Customer BP	201602468		
Contact Information:			
Name	-		
E-mail	-		
Phone Number	-		
Sales Rep	BERGIN, BRENDAN R		
Mobile #			
E-mail Address	Brendan.Bergin@snapon.com		

Line Number	Part Number	Description	Commodity	COO	Quantity	List Price	Unit Net Price	Line Total
1	BAB060089R3	Build-a-Bay Project			1	-	\$200,000.00	\$200,000.00
		Total Weight					0.00 lbs	
		Sub Total					\$200,000.00	
		Shipping					\$0.00	
		Tax					\$0.00	
Grand Total							\$200,000.00	

Tax and freight shown are estimates.
 Applicable tax and freight will be charged to the Customer's account.
 The sale of product is subject to Snap-on Industrial's standard terms and conditions of sale. Placement of an order is Customer's assent to these terms and conditions and Snap-on hereby objects to any additional and/or different terms, which may be contained in any Customer forms or other documents. No such additional terms will be of any force or effect.
 Custom tool kits, tool designs and prints that have been approved and ordered cannot be canceled or refunded.
 The sale of product is subject to Customer meeting Snap-on Industrial's credit approvals. Financing through Snap-on Credit LLC is available on most purchases. Ask your Sales Rep for

more information.
*Please provide vendor and pricing information to customer service on this part number.



Kristin Borman <kborman@tmcc.edu>

Re: Cost Range for Marketing a New Program + Expanded Program

Kate Kirkpatrick <kkirkpatrick@tmcc.edu>

Thu, Dec 11, 2025 at 2:39 PM

To: Kristin Borman <kborman@tmcc.edu>, Kyle Cassinelli <kcassinelli@tmcc.edu>

Cc: Kimberley Harrell <kharrell@tmcc.edu>

Hi there Kristin and Dean Harrell :)

Thanks for the opportunity to be part of the conversation, and how exciting to have a new certificate program ahead. I hope you don't mind, I'm adding Kyle to the conversation because she has a better idea of expenses for printed materials than I do, via her work with CTE. Here in MCO we typically design brochures and flyers but there's no one "right" way to use those, and no prescribed budget that I'm aware of.

For the digital ads, we seem to have hit a sweet spot for grant funders around the \$10K-\$15K mark for ad placement for any one particular academic program, many of those grants seem to have been funded. These \$15K campaigns are typically digital ads in 2-3 locations (for example, Facebook, Instagram and Snapchat, with geofencing to keep the ads in northern Nevada) for a limited run of 3 months.

That being said, we can spend as much as you have available - for example, with Panasonic we spent almost \$100K over the course of a year.

Also: If it's possible to ask for some extra funds for an agency to create the ads, that would be great. That would probably be an additional \$7K-\$10K, but I understand if that's not possible.

Clear as mud? I understand. Let me know if you want to talk more in person and I can answer any questions!

Thanks, Kate

Requesting a new project? Please submit a project request form!

Kate Kirkpatrick

Director, Marketing and Communications Office
Truckee Meadows Community College

7000 Dandini Blvd., RDMT 201B, Reno, NV 89512
kkirkpatrick@tmcc.edu | 775-673-7166 | tmcc.edu



On Thu, Dec 11, 2025 at 2:25 PM Kristin Borman <kborman@tmcc.edu> wrote:

Hi, Kate!

Hope you are having a good 14-days-before-Christmas~ 🎄

I am working with Dean Harrell on a GOED WINN grant for a new Heavy Equipment Tech certificate program as well as an enhancement for the existing Diesel program.

As we create the budget, I am wondering if you could provide a cost for digital marketing and a cost for material reproduction for the new and for the existing programs.

As always, thanks for your help...

Sincerely,
Kristin

--

Kristin Borman

Pre-Award Program Director
Truckee Meadows Community College
7000 Dandini Blvd, RDMT 202 | Reno, NV 89512-3999
775-337-5650 | kborman@tmcc.edu | www.tmcc.edu

**Tenant Improvement
Bid Form**

Bldg/Project Name	TMCC Room 140 Edison Revised 2/20/2025
Bidder	ALISON BLDG C
Phone	775-560-7215
	Contact Name ROD ALISON
	Date: 2/20/2025

BID BREAKDOWN: The following line items make up the TOTAL LUMP SUM BASE BID PRICE :

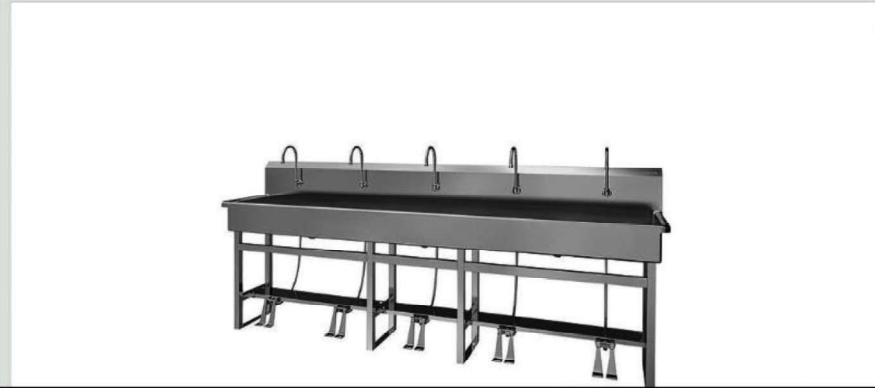
CSI	DESCRIPTION	COST	Option one
2050	Diesel Lab		
2070	New walls level 2, including electrical	\$ 11,287.00	\$ 7,524.00
3000	Double door installed	\$ 5,858.00	\$ 5,858.00
3300	Paint	\$ 780.00	\$ 560.00
5500			
6200			
6400	Option one plywood lining of the interior of the new		\$ 4,418.00
7100			
7200			
7900			
8100			
8710			
8800			
	Subtotal Direct Costs	\$ 17,925.00	\$ 18,360.00
	Insurance	\$ 668.00	\$ 734.00
	Permitting		
	General Conditions	\$ 1,698.00	\$ 1,836.00
	Supervision		
	General Contractor Overhead & Fee	\$ 2,003.00	\$ 2,203.00
	Subtotal Indirect Costs	\$ 4,369.00	\$ 4,773.00
	TOTAL ALL COSTS	\$ 22,294.00	\$ 23,133.00

Sani-Lav 510FS 100" x 20" Floor-Mounted Multi-Station Hands-Free Sink with 5 Double Foot-Operated 2.0 GPM Faucets

Leave a review Item #: 484510FS MFR #: 510FS

See more products like this!
Browse our full selection
[See more products](#)

 <p>Sani-Lav 6050 16" x 15 1/2" Wall Mounted Hand Sink with Single Faucet Hole</p> <p>\$416.49/Each</p>	 <p>Sani-Lav 6054 16" x 15 1/2" Wall Mounted Hand Sink with 4" Centers</p> <p>\$416.49/Each</p>	 <p>Sani-Lav 605L-0.5 16" x 15 1/2" Wall-Mounted Hands-Free Sink with 1 Knee-Operated 0.5 GPM Faucet</p> <p>\$488.49/Each</p>	 <p>Sani-Lav 605FL-0.5 16" x 15 1/2" Wall-Mounted Hand Sink with (1) 0.5 GPM Faucet</p> <p>\$494.49/Each</p>	 <p>Sani-Lav 605D 16" x 15 1/2" Wall Mounted Hands-Free Sink with 1 Double Knee-Operated Faucet</p> <p>\$499.00/Each</p>
--	---	--	---	--



Ships discounted with **PSI**

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Get it for as little as **\$133.27/month**¹ [Learn More](#) **LEAF**

1 [Add to Cart](#)

Earn up to \$183.57 back (18,357 points) with a [Webstaurant Rewards Visa® Credit Card](#)

[Add to Wish List](#)

Configuration: Double Foot-Operated Faucets

- Single Foot-Operated Faucets
- AC-Powered Sensor Faucets

Email Confirmation of 5-Pedal Sink Installation from TMCC Facilities Operations and Capital Planning

On Mon, Jan 12, 2026 at 9:46 AM Sean Rubbo <srubbo@tmcc.edu> wrote:

Perfect timing! I'm trying to nail Mikey down to commit to this project. He typically pushes these off on projects (us) which forces us to go out for quotes.

If you have not submitted for the grant as of yet, I'd bump it to \$9-10k to cover the cost of the sink and labor if a contractor is needed.

On Mon, Jan 12, 2026 at 9:30 AM Kimberley Harrell <kharrell@tmcc.edu> wrote:

Hi Sean,

Thanks for the follow up. Just a reminder that I was looking for a cost estimate for the grant we are submitting. I have the price of the sink, but needed to know if this would be subbed out. You seemed to think it could be handled by facilities. So unless I hear differently, I will submit the cost of the sink for the proposed budget for the proposed grant which we don't have yet.

Sorry for any confusion!

Kimberley Harrell, PhD

Dean, Applied Technology Division
Truckee Meadows Community College

475 Edison Way, Reno, NV 89502

kharrell@tmcc.edu | 775-856-5307 | tmcc.edu/applied-technology



YOUR STORY STARTS HERE

--
Sean Rubbo

Campus Infrastructure Coordinator
TMCC Facilities Operations and Capital Planning
7000 Dandini Blvd., FS 104, Reno, NV 89512
Desk 775 674-7636 Cell 361 676-3097

Quotation to:	Quotation from:
Jeremy Coggin TMCC Reno, NV jcoggin@tmcc.edu	DAKTIC - sales@daktic.com Submit orders to: orders@daktic.com Silverstone Systems, LLC (dba: DAKTIC) 1194 South Main Street, Suite 10 Springville, UT 84663



Silverstone Fed ID#: 33-1212182
DAKTIC Quote #: 20260420FL.TRU
Date: 20-Apr-2026

[Click Here for Sole Source Letter](#)

Item	Qty	Description	Links	Unit Price	Extended
1	1	DAKTIC "Zoom-Ready" Support Package		Included	Included
2	1	MF102D-H-TSE Basic Through Advanced Hydraulics with Troubleshooting and Touch Screen - Double-Station	More Info	\$79,300.00	\$79,300.00
3	2	MF102-DA Diagnostic Accessories (Optional Add-On)		\$1,080.00	\$2,160.00
4	2	MF102-LS Load-Sensing Module - 1 Per Pump (Optional Add-On)		\$1,995.00	\$3,990.00
5	0	HC-R008-102-L Print License for Practical Hydraulics Workbook		\$4,800.00	
6	1	HC-R004-102TSE-TA-L Print License for MF102-TSE Troubleshooting Activities		\$3,600.00	\$3,600.00
Recommended Add-Ons for MF102					
7	1	MF100-ACC Accumulator w/ Differential Pressure Unloading Valve Module		\$5,250.00	\$5,250.00
8	1	MF100-LE-TS Logic Element Module w/ Troubleshooting		\$6,400.00	\$6,400.00
9	1	MF100-MDCV-TS Mobile Directional Control Valve Module w/ Troubleshooting Package		\$6,900.00	\$6,900.00
10	1	MF100-OSV-TS Orbitrol Steering Valve Module w/ Troubleshooting		\$6,500.00	\$6,500.00
11	0	MF100-SVM-TS Stacked Valve Module w/ Troubleshooting Package		\$5,300.00	
Recommended Optional eLearning (One-Time Purchase)					
12	1	Practical Hydraulics Course (eLearning for LMS)		\$12,000.00	\$12,000.00
13	1	Safe Work Practices for High-Pressure Hydraulic Tools (eLearning for LMS)		\$2,500.00	\$2,500.00
14	1	How to Interpret Fluid Power Symbols (eLearning for LMS)		\$2,500.00	\$2,500.00
15	1	Closed-Loop (Hydrostatic) Transmission Systems 101 (eLearning for LMS)		\$2,500.00	\$2,500.00
				Sub Total	\$133,600.00
				Tax	
				Freight	\$4,008.00
				Shipping & Handling (Standard Freight)	
Please contact your DAKTIC representative if you require special deadlines or delivery arrangements (i.e. lift gate, delivery appointment, inside delivery, etc.) so your quote can be revised accordingly. Any delivery expectations or need by dates must be indicated on any submitted PO.					
Grand Total					\$137,608.00

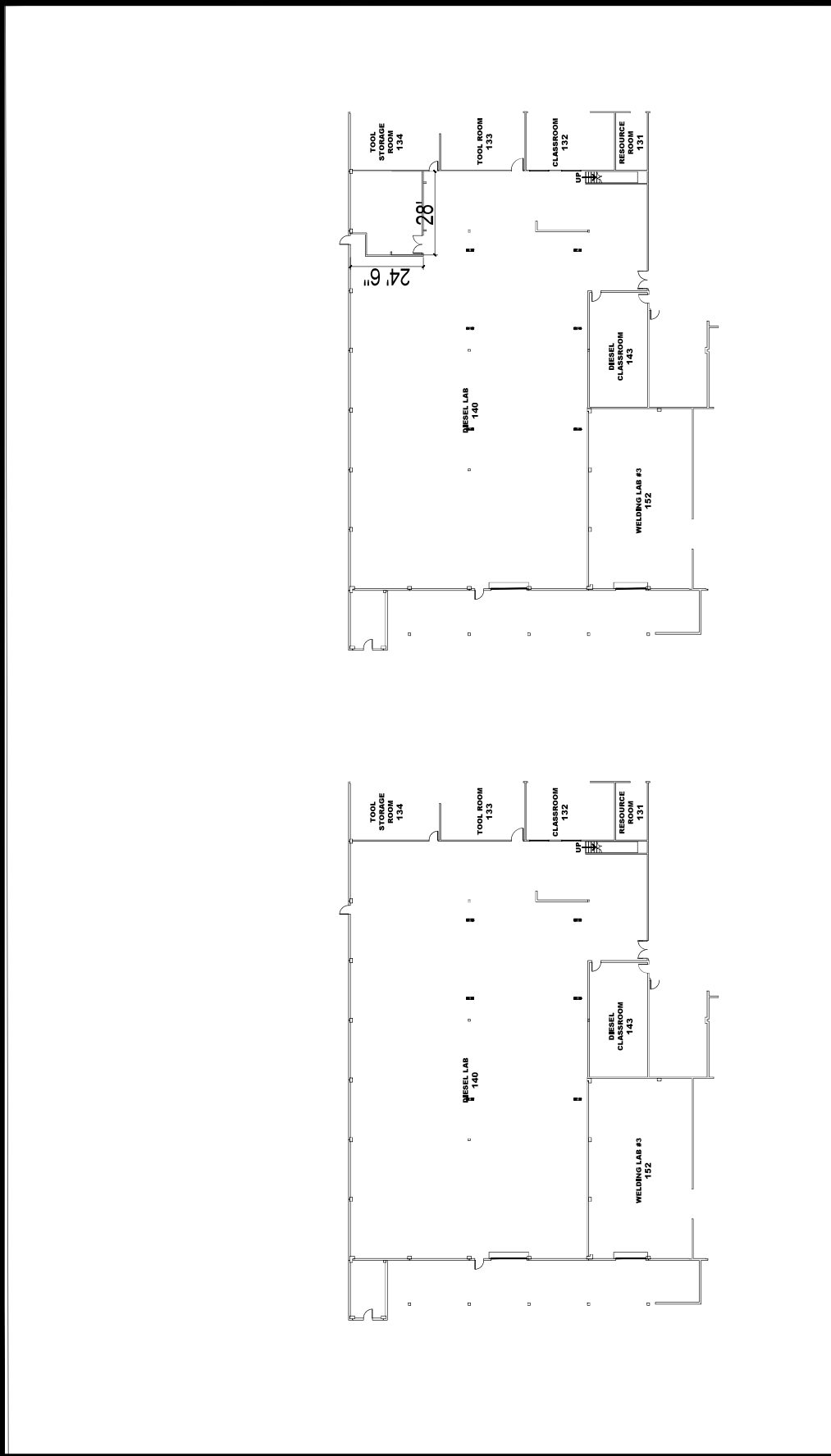
Quote Validity: 30-days
Estimated Delivery: Available upon request. Industry-standard lead times for built-to-order training equipment is 12-14 weeks, but global supply chain issues in the last few years have created extended lead times in many instances.
Order Cancellations: Orders cancelled after 24 hours may be subject to cancellation fees.
Payment Terms: Net 30 Days with approved Credit
Warranty: All products have a one-year limited warranty covering materials and cost of repair. The warranty begins on original date of delivery to the customer. The warranty does not cover component failure or damage resulting from abuse or misuse for other than product design specifications.

FACILITIES OPERATIONS
& CAPITAL PLANNING
7000 Dandini Blvd, Reno, NV 89512
P. 775-673-7100
F. 775-673-7112

TMCC EDISON CAMPUS
140 Diesel Lab
EDISON CAMPUS
475 EDISON WAY, RENO, NV

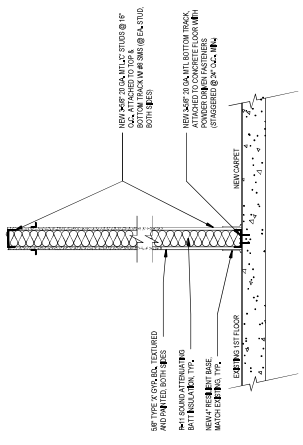
DATE PLOT
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Y: 11/14/2023
CS: 09/23
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NO: 09/23
BY: [unclear]
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SHEET NO.
A1

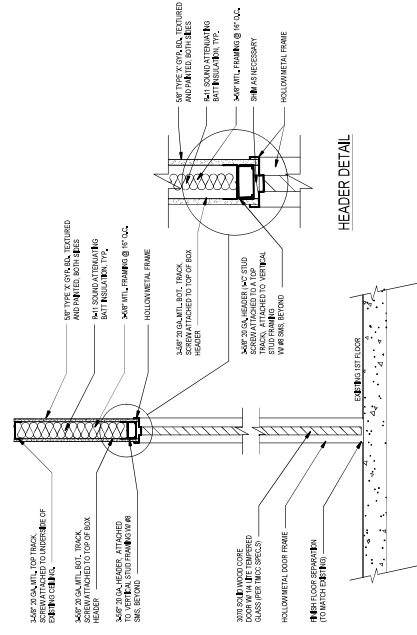


1 PROPOSED FLOOR PLAN - EDSN 140
NOT TO SCALE

1 DEMO PLAN - EDSN 140
NOT TO SCALE

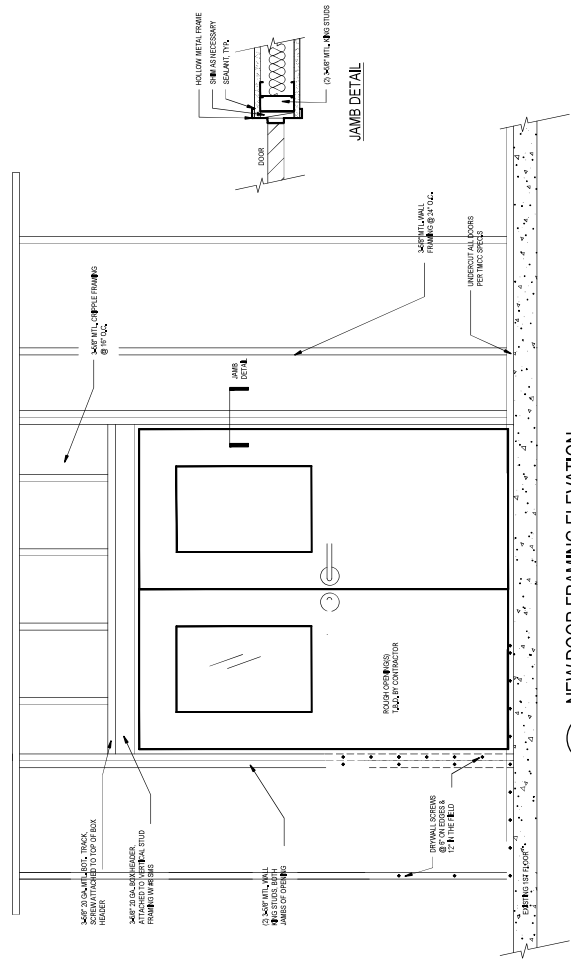


3 NEW WALL SECTION
SCALE 1" = 1/4"

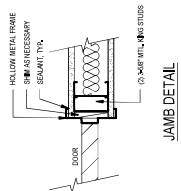


4 NEW DOOR FRAMING SECTION
SCALE 1" = 1/4"

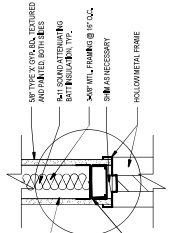
* CONTRACTOR TO VERIFY EXISTING CONDITIONS PRIOR TO BIDDING.
* CONTRACTOR TO REVIEW TIRCO STANDARDS AND SPECIFICATIONS PRIOR TO BIDDING.



2 NEW DOOR FRAMING ELEVATION
SCALE 1/4\"/>

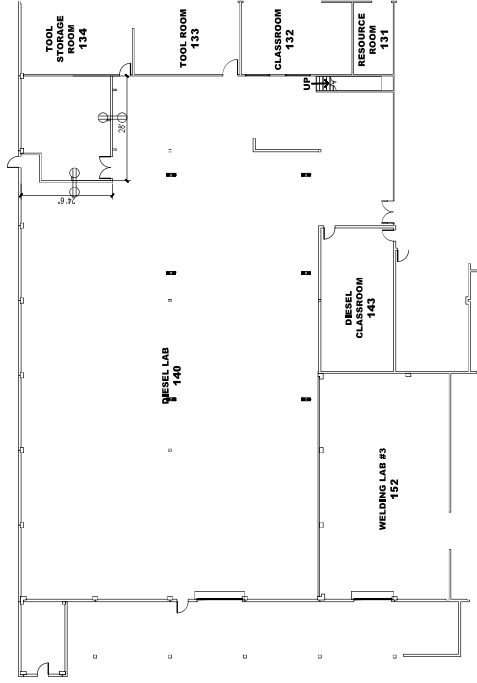


JAMB DETAIL

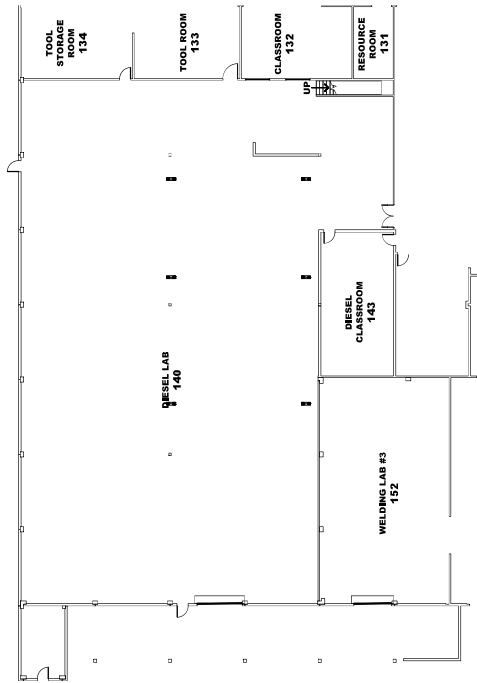


HEADER DETAIL

DATE PLOTTED	
DATE PRINTED	
DATE	06/16/23
DRAWN BY	WJW
CHECKED BY	WJW
SCALE	AS SHOWN



1 PROPOSED ELECTRICAL - EDNSN 140
NOT TO SCALE



1 CURRENT ELECTRICAL - EDNSN 140
NOT TO SCALE



2/3/2026

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:

McCandless Truck Center is your trusted Commercial Truck and School Bus source. We are a family owned and operated full-service dealership serving the Western Region for decades. We work hard to earn your trust and confidence with every sale we make. Under the leadership of Scott McCandless, McCandless Truck Center has been operating in Colorado since 2000 and expanded into Wyoming in mid-2019. In March 2022, McCandless International Trucks in N Las Vegas, Nevada's oldest and largest commercial truck dealer since 1969, joined the McCandless Truck Center family. Most recently, we have added a dealership in Sparks, Nevada to the McCandless family.

By this letter, we wish to express our support for the Truckee Meadows Community College Heavy Equipment & Diesel Technician Workforce Capacity Expansion, built to provide our organization with the skills workforce we need. This program offers high-wage opportunities to workers obtaining skills. At our company, we anticipate approximately **10 such openings** in the **next year** and are confident that this program will help provide the highly-skilled workforce we will need.

Job titles to be filled are as follows: Service Apprentices, Shop Assistances, Service Writers, Heavy Duty Diesel Technicians, Parts Sales, Parts Delivery Drivers and Body Shop Technicians.

These positions earn a starting average hourly wage of these amounts: \$20.00-\$45.00 per hour

Our partnership with TMCC has helped to build a strong program by supporting with program structure, our staff teach side by side with TMCC instructors and we hire students that graduate from the program.

This application for WINN funds was developed through a collaborative partnership of regional stakeholders including academia, employers and community organizations. We recognize the need for, and support the development of, this Industry-based training program.

During the course of the grant period, we will share performance metrics related to the program and look forward to continuing to work in partnership with Truckee Meadows Community College and other stakeholders in this important effort

Charlie Brown
Service Manager

Main: (775) 685-6000 Extension: 1914
Direct: (775) 355-5469 Cell:
2255 Larkin Cir, Sparks, NV, 89431
www.mctrux.com



Empire Southwest, LLC

1725 S. Country Club Dr.
Mesa, AZ 85210-6003
480.633.4300 tel
480.633.4489 fax

January 21st , 2026

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:

Empire Southwest is the Caterpillar dealership servicing 29 locations and 33 mine sites in Nevada, Arizona, and eastern California. Empire is a privately owned business established in 1950 with 4000+ employees. Empire partners with secondary education and post-secondary institutions to help develop our workforce.

By this letter, we wish to express our need for and support for the expansion of TMCC's Diesel Technician program to provide our organization with the skilled workforce we need. Empire has a strong demand for qualified Heavy Equipment Technicians. The increased capacity of TMCC’s diesel program will help ensure there is sufficient qualified workforce for us to employ in high-wage opportunities.

Empire anticipates growing our technical workforce in the next 3 years. Technician pay range is between \$20 - \$64 per hour based upon experience. In addition to hourly pay, Technicians may receive differential compensation based upon work location and shift. Empire is confident that TMCC’s Diesel program will help contribute to the highly skilled workforce needed to meet market demand.

We understand the need to report outcomes for this publicly funded effort. Empire will work with TMCC to report hiring metrics and market demands as needed. We look forward to continuing to work in partnership with TMCC and other stakeholders in this important effort.

Sincerely yours,

Adrian Reaux
General Manager of Corporate Talent Development



Kristin Borman <kborman@tmcc.edu>

RE: A TMCC Thank You for Your Letter of Support - and a Question

Cothrun, Wilbur <Wilbur.Cothrun@empire-cat.com>

To: Kristin Borman <kborman@tmcc.edu>

Cc: Jeremy Coggin <jcoggin@tmcc.edu>, Kimberley Harrell <kharrell@tmcc.edu>

Mon, Feb 9, 2026 at 9:55 AM

Kristin,

We are expecting to hire approximately 120 technicians per year over the next few years in the AZ and NV territory.

Wilbur Cothrun

Technical Training Manager

Empire Training Institute

Office: 775-332-2533

Cell: 775-843-3525

wilbur.cothrun@empire-cat.com

Our Corporate Values:

Safety | Respect | Integrity | Teamwork | Excellence | Stewardship | Astonishment

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Coeur Rochester
P.O. Box 1057
Lovelock, NV
89419

February 5, 2026

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:

The Coeur Rochester mine is an open pit, heap leach silver-gold operation, located in Pershing County, Nevada. The mine consists of the main Rochester deposit and the adjacent Nevada Packard deposit southwest of the Rochester mine and the Lincoln Hill, Gold Ridge, and Wilco projects. Coeur Rochester is one of the world's largest operations of its kind and will be a reliable and responsible source of domestically produced and refined silver. Coeur Rochester is a 100% owned operation of Coeur Mining Inc. headquartered in Chicago, Illinois.

By this letter, we wish to express our support for the expansion of TMCC Diesel Technician program to provide our organization with the skilled workforce we need in Nevada. This program offers high-wage opportunities to workers obtaining skills at Coeur Rochester. Considering growth and natural turnover, Coeur Rochester anticipates requiring approximately **50 openings** in the **next 5 years** and are confident that this program will help provide the highly-skilled workforce we will need. TMCC's Diesel program has been a key pillar of our early careers program over the past 10 years that has provided students who have turned into full time employees.

Specifically, over the next 5 years we are going to need Field and Lube Techs, Drill/Shovel Mechanics and Mobile Maintenance Mechanics. The positions pay range depending on experience can be anywhere from \$39.91-\$49.10

During the grant period, we will share performance metrics related to the program and look forward to continuing to work in partnership with Truckee Meadows Community College and other stakeholders in this important effort.

Sincerely,

Dan Pearson
Senior Director, Talent Acquisition and Development
Coeur Mining Inc.



O*NET OnLine

Occupation keyword search

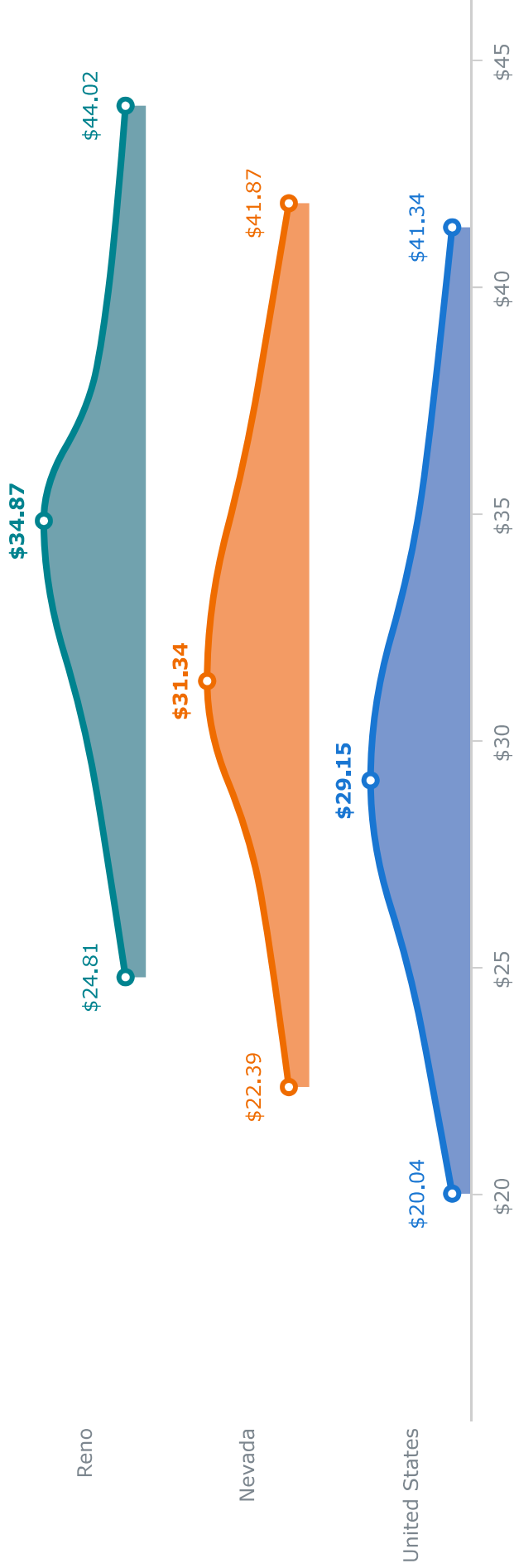
Local Wages

[49-3031.00 - Bus and Truck Mechanics and Diesel Engine Specialists](#)

Wages for state:

Wages near ZIP Code:

[Annual Wages](#) | **Hourly Wages**



In Reno, NV:

- Workers on average earn **\$34.87** per hour.
- 10% of workers earn **\$24.81 or less** per hour.
- 10% of workers earn **\$44.02 or more** per hour.

In Nevada:

- Workers on average earn **\$31.34** per hour.
- 10% of workers earn **\$22.39 or less** per hour.
- 10% of workers earn **\$41.87 or more** per hour.

In the United States:

- Workers on average earn **\$29.15** per hour.
- 10% of workers earn **\$20.04 or less** per hour.
- 10% of workers earn **\$41.34 or more** per hour.

Source: Bureau of Labor Statistics [2024 wage data](https://www.bls.gov/data).

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Full Details

Save Table: [XLSX](#) [CSV](#)

Location	Hourly Low (10%)	Hourly Q _L (25%)	Hourly Median (50%)	Hourly Q _u (75%)	Hourly High (90%)
United States	\$20.04	\$23.68	\$29.15	\$35.43	\$41.34
Nevada	\$22.39	\$26.94	\$31.34	\$37.86	\$41.87
Reno, NV	\$24.81	\$29.12	\$34.87	\$38.07	\$44.02
Balance of Nevada nonmetropolitan area	\$21.16	\$23.62	\$28.25	\$34.91	\$41.37
Boise City, ID	\$21.40	\$23.64	\$28.49	\$34.58	\$38.58
Carson City, NV	\$20.71	\$22.90	\$27.98	\$35.96	\$37.33

Location	Hourly Low (10%)	Hourly Q_L (25%)	Hourly Median (50%)	Hourly Q_U (75%)	Hourly High (90%)
Las Vegas-Henderson-North Las Vegas, NV	\$21.73	\$26.60	\$30.33	\$38.12	\$39.99



O*NET OnLine

Occupation keyword search

Q Go

Nevada Employment Trends

[49-3031.00 - Bus and Truck Mechanics and Diesel Engine Specialists](#)

View trends for state: Go

In Nevada:

Employment	1,300 employees
Projected employment (2032)	1,660 employees
Projected growth (2022-2032)	28%
Projected annual job openings (2022-2032)	160

In the United States:

Employment (2024)	319,900 employees
Projected employment (2034)	327,700 employees
Projected growth (2024-2034)	2% Slower than average
Projected annual job openings (2024-2034)	26,500

Nevada source: Projections Central [2022-2032 long-term projections](#). United States source: Bureau of Labor Statistics [2024-2034 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.

Career Pathway Narrative: Bus and Truck Mechanics and Diesel Engine Specialists (SOC 49-3031)

Bus and Truck Mechanics and Diesel Engine Specialists play a critical role in maintaining the reliability of vehicles and equipment that support Nevada's transportation, logistics, mining, and construction industries. These technicians diagnose, repair, and maintain diesel-powered vehicles and heavy equipment used in freight movement, construction operations, and industrial production. Because these systems are central to supply chains and industrial operations, employers require highly skilled technicians who can maintain equipment uptime and minimize costly operational disruptions.

Wage data demonstrates the strong earning potential associated with this career pathway. Nationally, diesel engine specialists earn an average hourly wage of **\$29.15**, while wages in Nevada exceed the national average at **\$31.34 per hour**. In the Reno metropolitan area, where many transportation, logistics, and industrial employers operate, technicians earn an average of **\$34.87 per hour**, with experienced workers earning **\$44.02 per hour or more** at the top end of the wage distribution. These wage levels place the occupation well above many entry-level positions and reflect the specialized technical skills required for modern diesel and heavy-equipment systems.

Employment trends further reinforce the importance of this workforce pipeline in Nevada. State employment projections estimate that the number of diesel mechanics and specialists will increase from **1,300 workers in 2022 to approximately 1,660 workers by 2032**, representing **28% projected growth**, substantially higher than national projections for the occupation. Nevada is expected to experience **approximately 160 job openings per year**, driven by both industry growth and replacement needs as experienced technicians retire or transition to supervisory roles.

Career pathways in this field typically begin with entry-level technician roles supporting fleet maintenance, heavy equipment service, and industrial repair operations. As technicians gain experience and advanced certifications, they can move into higher-paying specialties such as diagnostics, fleet maintenance leadership, or supervisory positions overseeing maintenance operations. These advancement opportunities create a clear progression from technical training into stable, high-wage careers that support Nevada's core economic sectors.

By expanding training capacity in diesel and heavy equipment technology, TMCC strengthens the regional workforce pipeline that supports equipment-dependent industries across the state. Graduates prepared through this pathway enter occupations that sustain freight movement, mining productivity, construction operations, and infrastructure maintenance, functions that are essential to Nevada's economic competitiveness and long-term growth.



O*NET OnLine

Occupation keyword search

Local Wages

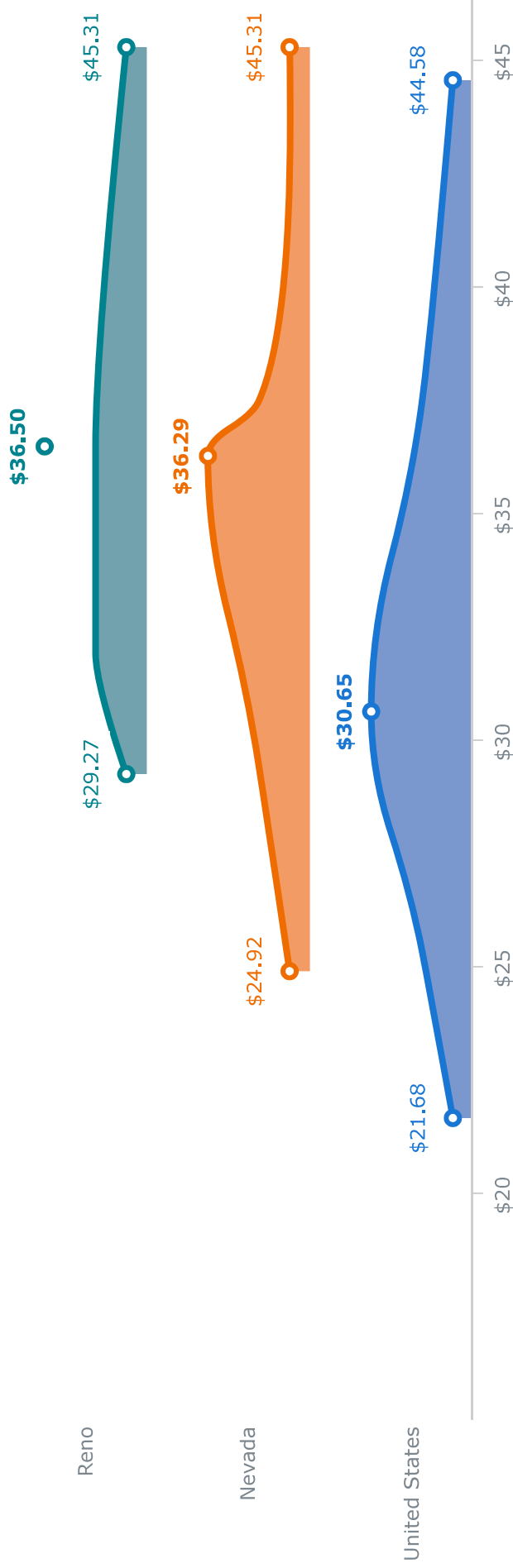
49-9041.00 - [Industrial Machinery Mechanics](#) ☀ **Bright Outlook**

Wages for state:

Wages near ZIP Code:

Annual Wages

Hourly Wages



In Reno, NV:

- Workers on average earn **\$36.50** per hour.
- 10% of workers earn **\$29.27 or less** per hour.
- 10% of workers earn **\$45.31 or more** per hour.

In Nevada:

- Workers on average earn **\$36.29** per hour.
- 10% of workers earn **\$24.92 or less** per hour.
- 10% of workers earn **\$45.31 or more** per hour.

In the United States:

- Workers on average earn **\$30.65** per hour.
- 10% of workers earn **\$21.68 or less** per hour.
- 10% of workers earn **\$44.58 or more** per hour.

Source: Bureau of Labor Statistics [2024 wage data](https://www.bls.gov/data).

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Full Details

Save Table: [XLSX](#) [CSV](#)

Location	Hourly Low (10%)	Hourly Q _L (25%)	Hourly Median (50%)	Hourly Q _u (75%)	Hourly High (90%)
United States	\$21.68	\$25.34	\$30.65	\$37.53	\$44.58
Nevada	\$24.92	\$29.44	\$36.29	\$37.51	\$45.31
Reno, NV	\$29.27	\$31.92	\$36.50	\$36.50	\$45.31
Balance of Nevada nonmetropolitan area	\$26.32	\$30.02	\$38.41	\$43.91	\$46.20
Boise City, ID	\$22.28	\$23.58	\$29.99	\$37.29	\$46.17
Las Vegas-Henderson-North Las Vegas, NV	\$20.36	\$27.74	\$30.50	\$36.68	\$44.17



O*NET OnLine

Occupation keyword search

Q

Nevada Employment Trends

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

View trends for state:

In Nevada:

Employment	1,830 employees
Projected employment	2,420 employees
Projected growth	32%
Projected annual job openings	220

In the United States:

Employment	439,600 employees
Projected employment	510,300 employees
Projected growth	16%
Projected annual job openings	45,700

Much faster than average

Nevada source: Projections Central [2022-2032 long-term projections](#). United States source: Bureau of Labor Statistics [2024-2034 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.

Career Pathway Narrative: Industrial Machinery Mechanics (SOC 49-9041)

Industrial Machinery Mechanics maintain and repair the complex mechanical systems that support modern manufacturing, mining operations, logistics facilities, and industrial processing environments. These technicians troubleshoot mechanical, electrical, pneumatic, and hydraulic systems that power conveyor systems, automated equipment, processing machinery, and other industrial assets. Because these systems operate continuously in production environments, skilled mechanics are essential to maintaining equipment uptime, preventing costly shutdowns, and ensuring safe and efficient operations.

Wage data illustrates the strong earning potential associated with this career pathway. Nationally, Industrial Machinery Mechanics earn an average hourly wage of **\$30.65**, while Nevada workers earn significantly more at **\$36.29 per hour** on average. In the Reno metropolitan area, where manufacturing, logistics, and industrial operations are concentrated, wages average **\$36.50 per hour**, with experienced technicians earning **\$45.31 per hour or more** at the upper end of the wage range. These wage levels reflect the technical expertise required to maintain increasingly sophisticated industrial machinery and automation systems.

Employment projections further demonstrate strong demand for this occupation in Nevada. The state currently employs approximately **1,830 industrial machinery mechanics**, with projected employment expected to grow to **2,420 workers by 2032**, representing **32% growth over the decade**—substantially faster than the national growth rate for the occupation. Nevada is projected to experience **approximately 220 annual job openings**, driven by industrial expansion and the need to replace retiring technicians.

Career pathways in this field typically begin with entry-level maintenance technician roles supporting industrial facilities, manufacturing plants, mining operations, or logistics distribution centers. As workers gain experience and specialized training, they can advance into higher-wage positions in diagnostics, automation maintenance, industrial reliability engineering, or supervisory maintenance roles overseeing complex equipment systems.

By expanding training capacity in diesel, heavy equipment, and industrial mechanical systems, TMCC strengthens the regional workforce pipeline needed to support Nevada's Natural Resources & Technologies sector. Graduates entering these occupations provide essential technical expertise that keeps industrial machinery, mining equipment, and logistics systems operating efficiently—supporting productivity, supply chain reliability, and long-term economic growth across the state.



O*NET OnLine

Occupation keyword search

Q Go

Nevada Employment Trends

49-3042.00 - [Mobile Heavy Equipment Mechanics, Except Engines](#) 🌟 **Bright Outlook**

View trends for state: Go

In Nevada:

Employment	2,280 employees
Projected employment	2,830 employees
Projected growth	24%
Projected annual job openings	270

In the United States:

Employment	188,700 employees
Projected employment	199,600 employees
Projected growth	6%
Projected annual job openings	16,500

■ ■ ■ Faster than average

Nevada source: Projections Central [2022-2032 long-term projections](#). United States source: Bureau of Labor Statistics [2024-2034 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.



O*NET OnLine

Occupation keyword search

Local Wages

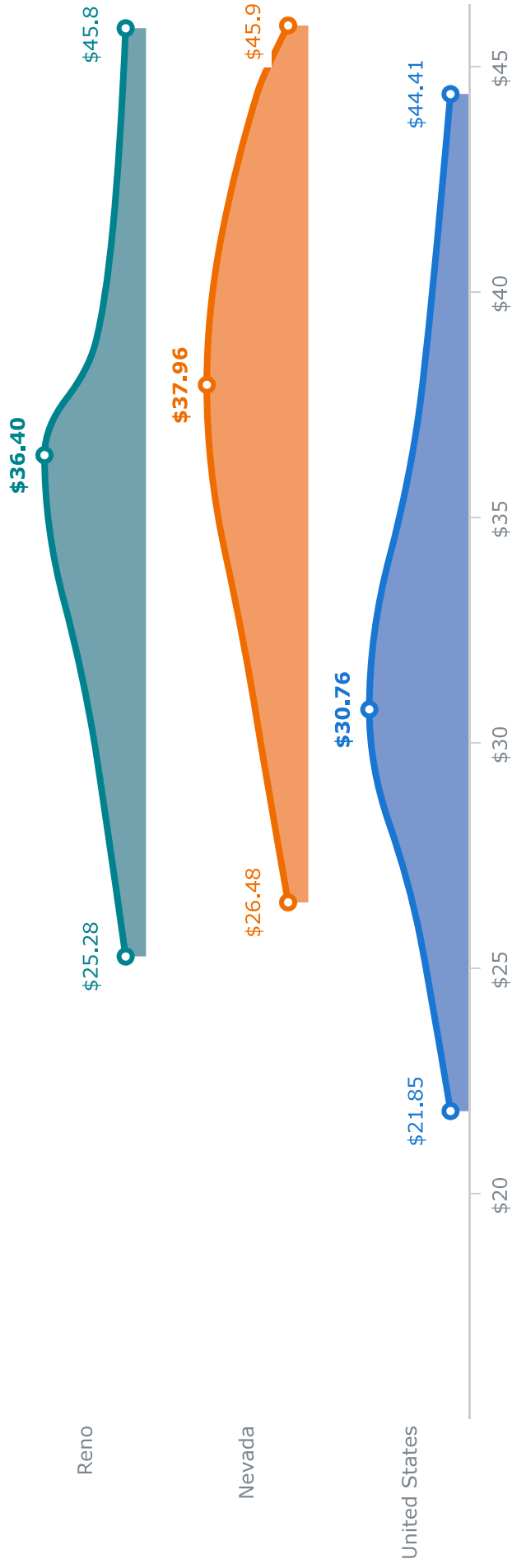
49-3042.00 - [Mobile Heavy Equipment Mechanics, Except Engines](#) 🔥 **Bright Outlook**

Wages for state:

Wages near ZIP Code:

Annual Wages

Hourly Wages



In Reno, NV:

- Workers on average earn **\$36.40** per hour.
- 10% of workers earn **\$25.28 or less** per hour.
- 10% of workers earn **\$45.87 or more** per hour.

In Nevada:

- Workers on average earn **\$37.96** per hour.
- 10% of workers earn **\$26.48 or less** per hour.
- 10% of workers earn **\$45.93 or more** per hour.

In the United States:

- Workers on average earn **\$30.76** per hour.
- 10% of workers earn **\$21.85 or less** per hour.
- 10% of workers earn **\$44.41 or more** per hour.

Source: Bureau of Labor Statistics [2024 wage data](https://www.bls.gov/data).

Full Details

Save Table: [XLSX](#) [CSV](#)

Location	Hourly Low (10%)	Hourly Q _L (25%)	Hourly Median (50%)	Hourly Q _u (75%)	Hourly High (90%)
United States	\$21.85	\$25.72	\$30.76	\$37.54	\$44.41
Nevada	\$26.48	\$30.43	\$37.96	\$44.46	\$45.93
Reno, NV	\$25.28	\$29.91	\$36.40	\$38.87	\$45.87
Balance of Nevada nonmetropolitan area	\$28.72	\$37.96	\$40.62	\$44.63	\$46.53
Boise City, ID	\$24.21	\$27.26	\$30.84	\$37.86	\$41.33
Carson City, NV	\$24.16	\$29.13	\$32.61	\$36.52	\$37.85

Location	Hourly Low (10%)	Hourly Q_L (25%)	Hourly Median (50%)	Hourly Q_U (75%)	Hourly High (90%)
Las Vegas-Henderson-North Las Vegas, NV	\$24.34	\$28.69	\$33.13	\$38.42	\$44.74

Career Pathway Narrative: Mobile Heavy Equipment Mechanics (SOC 49-3042)

Mobile Heavy Equipment Mechanics maintain and repair the machinery that powers Nevada's mining operations, construction activity, transportation infrastructure, and industrial logistics systems. These technicians diagnose and service complex mechanical, hydraulic, and electrical systems in equipment such as loaders, excavators, haul trucks, and other large machines used throughout Nevada's Natural Resources & Technologies sector. Because these machines operate continuously in high-demand environments, skilled technicians play a critical role in maintaining equipment uptime and ensuring that operations remain productive and safe.

Wage data demonstrates the strong earning potential associated with this occupation. Nationally, mobile heavy equipment mechanics earn an average hourly wage of **\$30.76**, while wages in Nevada are significantly higher at **\$37.96 per hour**. In the Reno metropolitan area, where mining, logistics, and industrial operations rely heavily on equipment maintenance, workers earn an average of **\$36.40 per hour**, with top earners exceeding **\$45 per hour**. These wages reflect the specialized technical knowledge required to maintain advanced heavy equipment systems and illustrate the economic opportunity associated with training in this field.

Employment projections further highlight the importance of developing a strong workforce pipeline for this occupation. Nevada currently employs approximately **2,280 mobile heavy equipment mechanics**, with projected employment expected to increase to **2,830 workers by 2032**, representing **24% growth over the decade**. This growth rate significantly exceeds national projections and reflects Nevada's continued expansion in mining, infrastructure development, and industrial operations. The state is expected to experience **approximately 270 job openings annually**, driven by both industry growth and the need to replace experienced workers leaving the workforce.

Career pathways in this field often begin with entry-level technician roles supporting equipment maintenance in construction, mining, fleet service, and industrial operations. As technicians gain experience and specialized certifications, they may advance into higher-wage roles in diagnostics, field service operations, equipment fleet management, or supervisory maintenance positions. These pathways offer long-term career mobility and stable employment opportunities in industries that are foundational to Nevada's economic productivity.

By expanding training capacity in heavy equipment and diesel technology, TMCC strengthens the workforce pipeline needed to sustain equipment-intensive industries across the state. Graduates prepared through this pathway enter occupations that directly support mining production, construction activity, infrastructure maintenance, and logistics operations, sectors that rely on highly skilled technicians to keep equipment operating efficiently and Nevada's economy moving forward.