



The U.S. Department of Labor has designated November 11-17, 2019 as National Apprenticeship Week. The North American Building Trades Unions and its signatory contractors have funded and operated a skilled craft apprenticeship system for over 100 years.

To celebrate this event the apprenticeship programs of select Northern Nevada Building and Construction Trades unions and their associated contractors invite elected officials along with business and industry personnel to visit their joint apprenticeship training centers to see what the centers have to offer and why apprenticeship has earned the name the "other four-year degree"

Northern Nevada apprenticeship programs in the building and construction trades have been assessed for college credit and are accredited through TMCC in which apprentices earn a certificate that may be applied toward an associates or bachelor's degree. Some of the apprenticeship programs have worked with TMCC on additional curriculum so that when they complete their apprenticeship, they will have obtained an associate degree. Nearly 9 out of 10 apprentices are employed after finishing their apprenticeship.

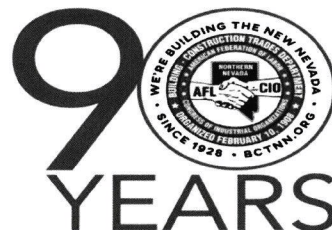
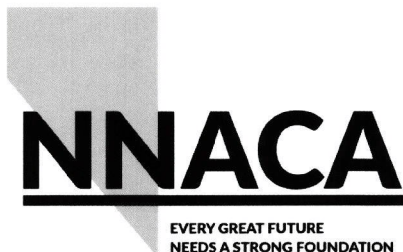
Apprenticeship and workplace-based training creates industry driven and flexible training solutions to meet national and local needs. It is an "earn while you learn" system that offers people of all ages the chance to learn from construction industry professionals. When individuals complete the apprenticeship program, they obtain a portable, nationally recognized credential that they can take anywhere in the country. Apprentices average starting wage \$15 to \$20 per hour and workers will earn an average of \$300,000 more over their lifetime than their non-apprentice peers.

Currently in Nevada there are 71 registered apprenticeship programs, 5,786 registered apprentices, 5,486 are men and 300 are women. Most construction trades journeymen retire between the ages of 55 to 62. In the next 10 years we may lose half of our skilled trained workforce. This will create an even larger shortage of skilled construction trades but, at the same time creates a great opportunity to train new people to take over these high paying in demand positions.

Benefits of apprenticeship include helping to recruit and develop a highly skilled workforce which improves productivity and the bottom line. Apprenticeship reduce turnover costs and increase employee retention. Per the US Department of Labor for every dollar spent on apprenticeship, employers get approximately \$1.50 in ROI.

Sincerely,
Randy Canale, President
Northern Nevada Apprenticeship
Coordinators Association-NNACA

Rob Benner, Business Representative
Building & Construction Trades Council
of Northern Nevada



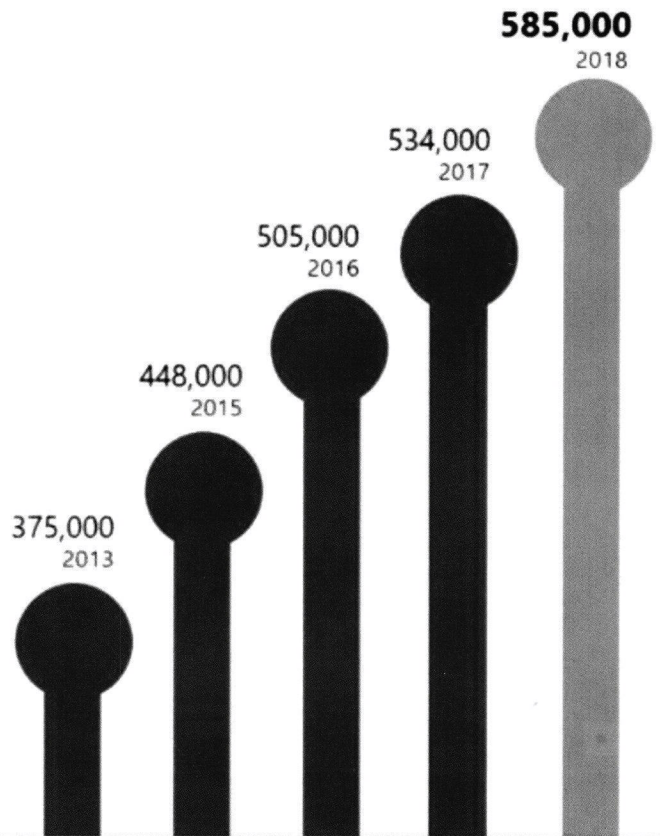
Our Apprenticeship Numbers Continue to Show Strong Growth in FY 2018

56%

GROWTH SINCE 2013

Key Facts

- Over 282,000 participants graduated in the last five years.
- Over 10,800 new programs were created in the last five years.



Data Provided by United State Department of Labor September 3, 2019

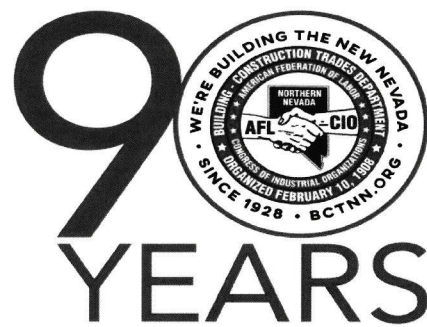
NNACA

EVERY GREAT FUTURE
NEEDS A STRONG FOUNDATION

Northern Nevada Apprenticeship
Coordinators Association-NNACA
4635 Longley Lane, Suite 108
Reno, NV 89502
www.buildingtradejobs.org
e-info@buildingtradejobs.org



Women Build Nevada
www.womenbuildnevada.org



Building & Construction Trades
Council of Northern Nevada
1819 Hymer Avenue
Sparks, NV 89431
www.bctnn.org
e-rbenner@bctnn.org

What's your pathway?



Tom

High School Graduate
Enrolls in College

Jane

High School Graduate
Enrolls in Apprenticeship Program

Costly Education



Spends an average of **\$9,650 a year** on books, tuition, room, and board

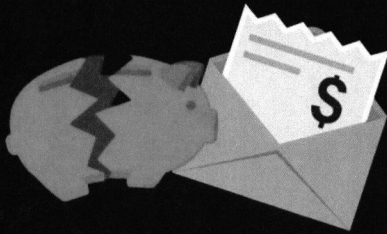
Earn and Learn



Earns an average of **\$45k a year** and gets **200 hours** towards associate degree

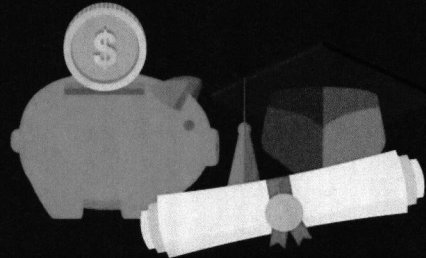
1

Graduates College



Graduates with average of **\$38,600** in debt

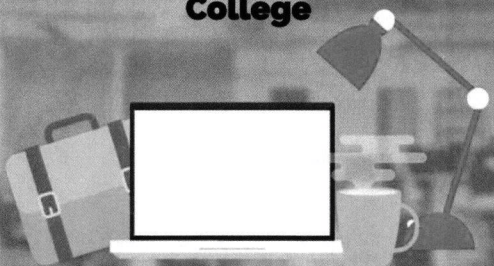
Graduates Apprenticeship



Graduates with more savings and zero debt

2

Year 1 out of College



Employed at entry level making an average of **\$48k a year**

Year 1 out of Apprenticeship Program



Employed as journeyworker making an average of **\$75k a year plus benefits**

3

Choosing the path of apprenticeship is a first choice or preferred pathway to college. You can earn college credit and a competitive salary while in the apprenticeship program. Apprenticeship and training provides a straight path to the middle class and an opportunity for family sustaining wages.

ALL FUTURE, NO DEBT.

Earn-while-you-learn construction trades apprenticeships put students on a stronger career path with higher wages, better benefits, and more opportunities than more than half of jobs held by recent university graduates.*

* Kevin Fleming, Ph.D
"Success in the New Economy"
CITRUS COLLEGE

PRESENTED BY THE BUILDING & CONSTRUCTION TRADES COUNCIL OF NORTHERN NEVADA
AND THE NORTHERN NEVADA APPRENTICESHIP COORDINATORS ASSOCIATION



**APPRENTICESHIP
ISN'T AN
ALTERNATIVE
TO COLLEGE.**

**APPRENTICESHIP
IS COLLEGE.**

Today's apprenticeship programs involve rigorous academic programming, because we're training men and women for credentialed careers in advanced construction trades. Our apprentices earn concurrent college credits for an associate's degree or certificate at TMCC.



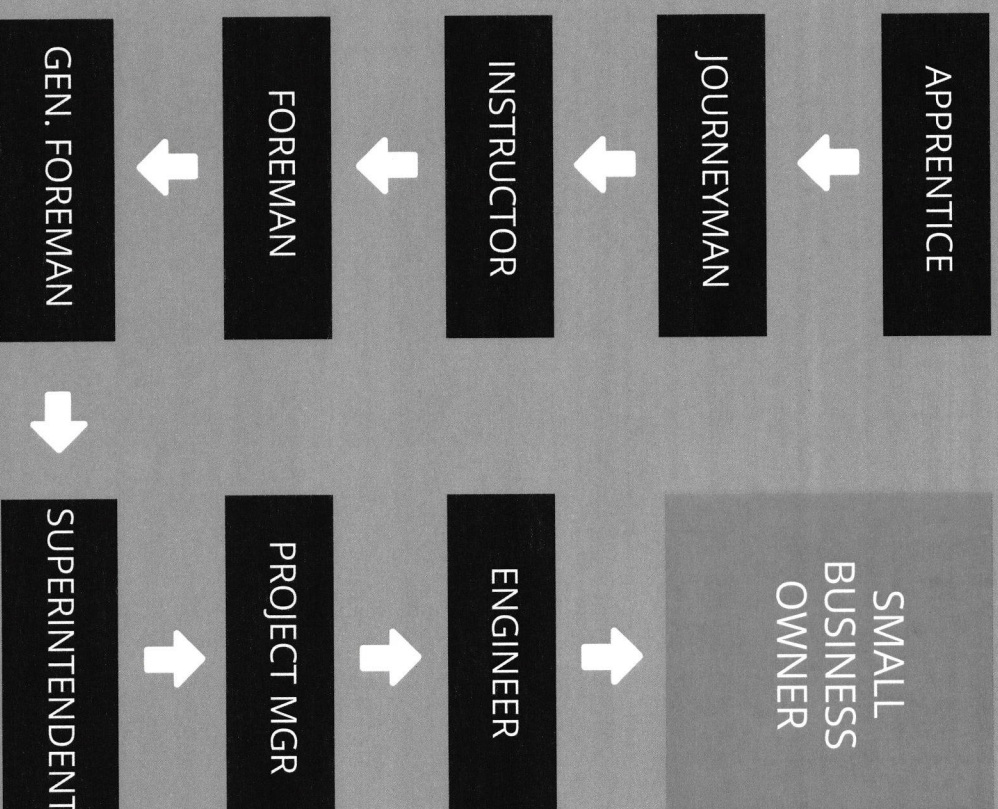
**IN ADDITION TO ADVANCED
SKILLED TRADES, TODAY'S
APPRENTICES LEARN**

- ✓ **ALGEBRA**
- ✓ **TRIGONOMETRY**
- ✓ **GEOMETRY**
- ✓ **CALCULUS**
- ✓ **COMMUNICATIONS**
- ✓ **CRITICAL THINKING**
- ✓ **STATE-OF-THE-ART TECH**

CAREER PATH

Unlike most post-university jobs, a career in the trades has a clear path for advancement. Trades credentials are portable nationally and in some cases internationally. **Wages start above average**, and rise reliably and fast. * Benefits begin immediately.

**Example: Plumbers & Pipefitters apprentices in Reno/Sparks start at \$21/hr, and graduate in 4 years as a journeyman at \$42.50/hr, plus benefits.*





CONSTRUCTION JOBS **SURPLUS**

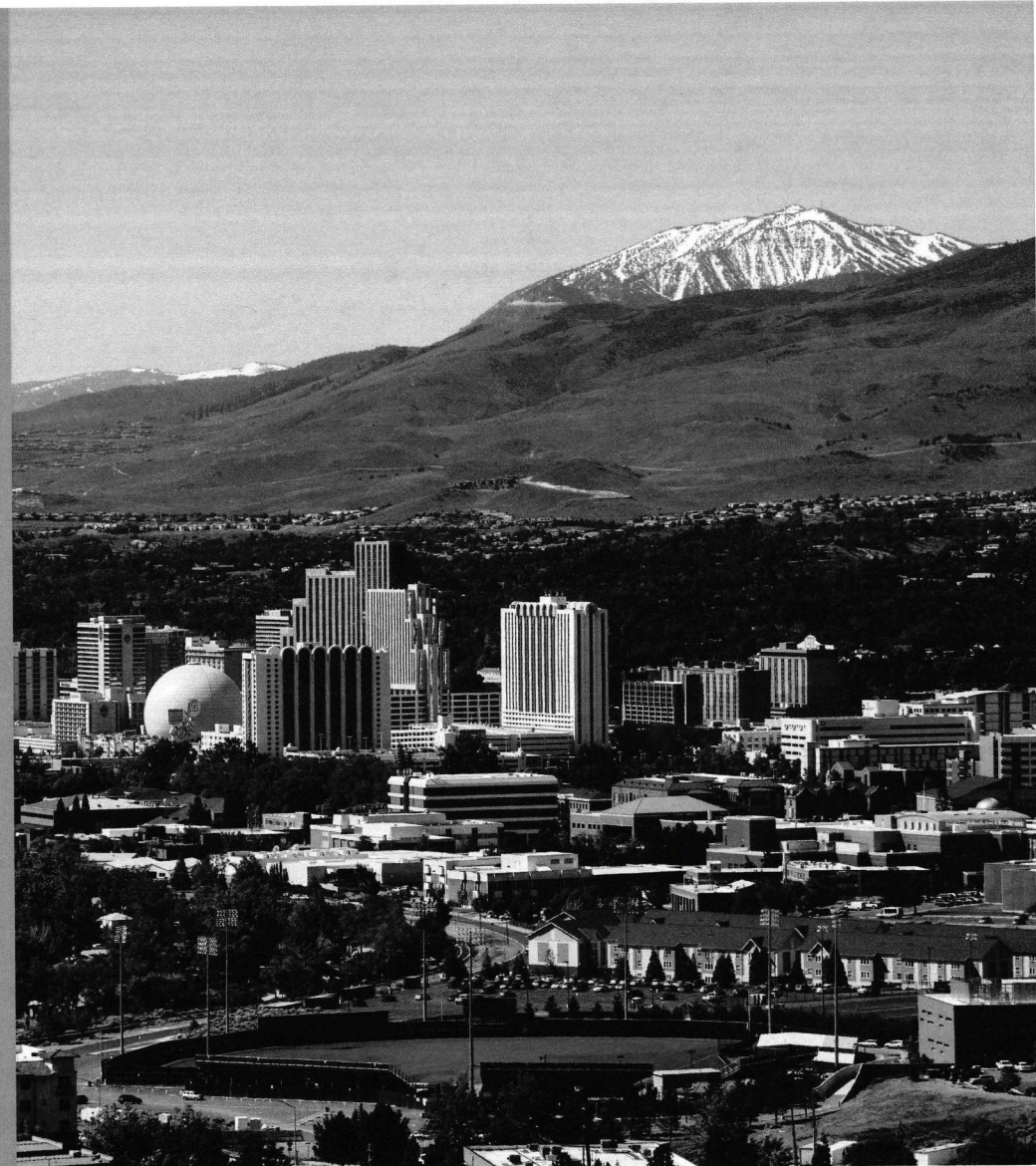
In June 2018 alone, construction in the U.S. jumped 11%, continuing a growth trend that shows no signs of slowing down. The Reno-Sparks area is outpacing the national average, and we need a strong, skilled workforce to keep up with new construction demands. The job outlook for skilled trades in Nevada is the highest it's been in more than 10 years, and is expected to continue growing rapidly.

THE PRIDE OF BUILDING THE NEW NEVADA

Today's apprentices are building tomorrow's legacy buildings, schools, roads, bridges, & spaces. To learn more about careers your students will be proud of, contact:

Building and Construction Trades Council of Northern Nevada
www.bctnn.org // 775-355-9200

Northern Nevada Apprenticeship Coordinators Association
www.buildingtradejobs.org // 775-772-7146



TOP 6 MYTHS ABOUT THE BUILDING & CONSTRUCTION TRADES

1

"DIRTY" WORK IS SUBSTANDARD WORK.

No way! Getting a little dirty on the job is a reminder of the hard work you're doing every day to build the future of our community. **YOU ROCK. LET IT SHOW.**

2

THERE ARE NO OPPORTUNITIES FOR ADVANCEMENT.

Actually, a career in the building & construction trades can take you anywhere, from **running a job site to teaching to owning a small business—even political leadership.** And the credentials you'll earn in most registered apprenticeship programs are portable and internationally-recognized. That means you can work anywhere in the world. **PARIS, ANYONE?**

3

CONSTRUCTION IS FOR BOYS!

Nope. Women not only rock all the same skills and abilities that men do on the job site and in building & construction leadership positions, they often outperform men in some trade skills, like welding. Who knew? (We did!) **GIRL POWER.**

4

MANUAL LABOR DOESN'T PAY WELL.

How does earning **\$250k** over the course of a 4-5 year paid apprenticeship sound? That's what the average apprentice earns while learning on the job, and that's **before** you graduate. Many union tradespeople make six figures a year. **YOU'RE GONNA NEED A BIGGER PIGGY BANK.**

5

BUT...MANUAL LABOR IS HARD ON YOUR BODY.

You know what's hard on your body? **Sitting for 8 hours a day.** Studies show that desk workers risk serious health issues—even early death. **YOU GOT TO MOVE IT, MOVE IT.**

6

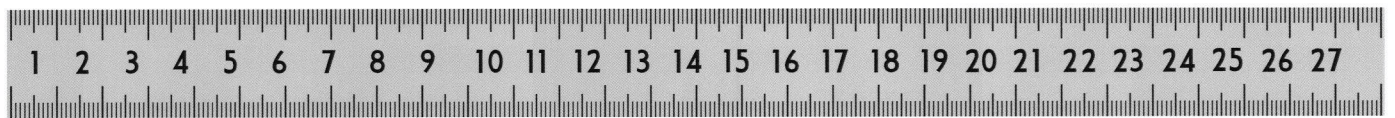
FINE. BUT IT'S NOT INTELLECTUALLY OR CREATIVELY SATISFYING.

Sorry! As a skilled member of the high-tech trades, you're basically a problem solver all day, every day. We're equal parts brain + braun. **VISIT BUILDINGTRADEJOBS.ORG TO LEARN MORE**

WOMEN BUILD NEVADA

CAREER EXPLORATION FAIR

:: HEAR FROM NEVADA
TRADESWOMEN
:: HANDS-ON ACTIVITIES
:: INTERACTIVE DEMOS
:: VIRTUAL REALITY!
:: CAREER INFO BOOTHS
...AND MORE



DO YOUR EDUCATION + CAREER PLANS MEASURE UP?

An apprenticeship in Nevada's building and construction trades offers paid on-the-job training in more than a dozen trade specialties. Join us on Fri, Nov 15 to learn about great career opportunities for women in fields like ironwork, sheet metal, plumbing, HVAC, electrical, painting, and more.

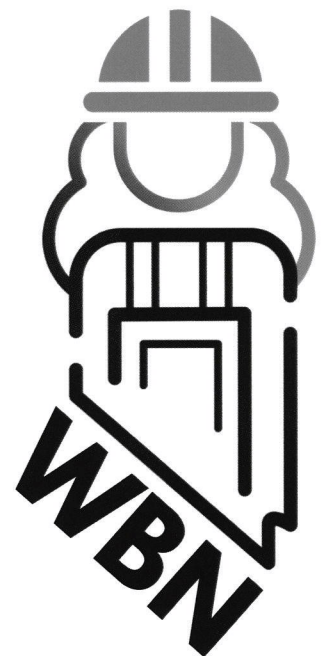
FRIDAY, NOV 15


9A-2P  **FREE TO PUBLIC**

**REGISTER IN ADVANCE FOR FREE DEMOS
OR JUST DROP IN TO CHECK IT OUT!**

 **TMCC PENNINGTON TECH CENTER**
475 EDISON WAY, RENO

WOMENBUILDNEVADA.ORG



Northern Nevada's trade unions offer paid apprenticeships with **great wages and benefits, free high-tech training, and a clear career path.** 


CONSTRUCTION CRAFT LABORERS

Laborers work many roles on construction projects, such as flagging, material handling, demolition, excavation, pipe laying & concrete cutting.

Apprenticeships range from 2.5 to 5 years. You'll earn above-average wages **starting day one** while you learn from the masters—in the classroom and on the job. 


ELECTRICIANS

Electricians plan, install & maintain electrical systems, installing wiring and other components like breaker boxes, switches, lighting, and voice, data and video cabling.

Apprenticeships in the union building and construction trades are one of the only fields that **pays YOU** to go to college. That = \$0 student debt. 


HEAT & FROST INSULATORS

Insulators apply insulation and protective finishes on high & low-temperature surfaces. Typical job sites are hospitals, power plants and schools.

Apprentice wages start between \$14-\$20+/hr and rise at regular intervals. Most apprentices graduate making \$25-\$40+/hr—and it goes up fast from there! 


IRON WORKERS

Ironworkers install & move large girders, beams, rebar and other materials in bridges and buildings, on elevators, stairways, and balconies, and reinforce concrete in walls & roads.

Over the course of one of our apprenticeship programs, the average apprentice earns \$200,000 to \$300,000. (Yes, you read it right!) 


NV ENERGY APPRENTICESHIPS

These apprenticeships include customer service, electricians, linemen, fitters & welders, gas pressure operators, and meter technicians.

All of our union apprentices are earning **FREE** credits at an accredited community college just for being in the apprenticeship program. Some programs offer an associates degree upon graduation. 

OPERATING ENGINEERS

Operating engineers operate and maintain heavy equipment like dozers, cranes, motor graders, loaders, pavers and mixers.

The union building and construction trades offer **free state-of-the-art training on new processes, equipment, and technology** for the duration of your union career. 


PAINTERS & ALLIED TRADES

These pros include painters, drywall finishers, wall & floor coverers, glaziers, glass workers, sign makers, and display workers.

After graduation, apprentices go on to become journeymen, foremen, site & project managers, super-intendents, instructors, legislators, and small business owners. 

PLASTERERS & CEMENT MASONS

Plasterers apply exterior & interior coating materials to building surfaces. Cement masons install curbs and gutters, slabs, driveways and sidewalks.

Don't let the outdated titles fool you—these jobs are for **women!** Women bring much-needed skills to the union trades, and we need more of you on the job. #EqualPay 

PLUMBERS & PIPEFITTERS

Plumbers install & maintain plumbing and drainage systems, while pipe-fitters install piping to convey air, gas or liquids. HVAC techs work on heating & cooling.

Each apprenticeship program has its own open application period, and some have waiting lists. Applying is free and easy—we suggest applying to your top three favorites. 

SHEET METAL WORKERS

These craftspeople fabricate & install sheet metal for use in heating, cooling, ventilation, ductwork, skylights, and metal roofing and siding.

Our apprenticeship credentials are portable and internationally-recognized. A career in the union building & construction trades can take you **ANYWHERE!** 

STATIONARY ENGINEERS

Stationary engineers operate & maintain equipment like boilers, pumps and fans, compressors, automated controls and motors.

APPLY TODAY!

Northern Nevada Apprenticeship Coordinator's Association and the Building & Construction Trades Council of Northern Nevada



NORTHERN NEVADA APPRENTICESHIP COORDINATORS ASSOCIATION

In Partnership with

TMCC APPRENTICESHIP CERTIFICATE & DEGREE PROGRAM

*for requirements, current wage scales plus benefits check specific construction trade website



Construction Craft Laborers-Construction Craft Laborers work on roads, buildings, and pipelines. We place concrete, lay pipe, and rake asphalt. Apprentices start at \$15.37, Journeymen make \$25.45*



Electricians-Electricians, plan install and maintain the electrical systems for structures and other electrical components. Apprentice \$15.80/hour*, Journey Level more than \$39.50/hour*



Heat & Frost Insulators-Insulators apply insulation and protective finishes on high and low temperature surfaces. Apprentice \$16.08/hour*, Journey Level more than \$40.21/hour*



Ironworkers-There are several different types of ironworkers-examples are Structural Ironworkers or Ornamental Ironworkers. Apprentice \$18.00/hour*, Journey Level \$36.00/hour*



NV Energy- (Employer Sponsored)-NV Energy offers several Nevada State Apprenticeship (NAS) apprenticeship programs. Apprentice at least \$31.00/hour*, Journey Level from \$47.00/hour*



Operating Engineers-Operating Engineers operate and maintain various types of equipment; examples are dozers, cranes, and loaders. Apprentice at least \$19.86/hour*, Journey Level from \$25.00-\$45.00/hour*



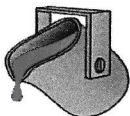
Painters & Allied Trades-Along with painters this trade contains drywall finishers, wall coverers, floor covering installers to name a few. Drywall Apprentice \$15.34/hour* Drywall Journey Level \$30.67/hour*; Floor Covering Apprentice \$14.15/hour* Floor Covering Journey Level \$28.30/hour*; Painters Apprentice \$13.64/hour* Painters Journey Level \$24.80/hour*



Plasterers & Cement Masons-Plasterers apply and finish exterior and interior coat materials. Cement Masons install curb and gutters to name a few. Plaster Apprentice more than \$19.61/hour*, Journey Level more than \$27.94/hour* Cement Mason Apprentice more than \$16.26/hour*, Journey Level more than \$28.96/hour*



Plumbers & Pipefitters-Plumbers and pipefitters install service and repair a variety of residential and commercial projects. Apprentice base begins at \$21.00/hour* Journey Level \$32.00-\$42.50 hour*



Sheet Metal Workers-Sheet Metal Workers fabricate, install, service and inspect sheet metal items for a variety of applications. Apprentice approximately \$14.00/hour*, Journey Level begin at about \$31.50/hour*



Stationary Engineers-Stationary Engineers are not involved in a building trade. Rather, they operate and maintain physical plant equipment, such as boilers, pumps, fans, and compressors to name a few. Apprentice more than \$14.00/hour* Journey Level more than \$22.00/hour*

College Credit- Earn While You Learn-Paid Benefits-Retirement

www.buildingtradejobs.org E-mail info@buildingtradejobs.org

Dian VanderWell, Trades Apprenticeship Recruiter 775.772.7146

FOR DETAILED INFORMATION ON ANY OF THE ABOVE TRADES REFER TO THE NNACA-NORTHERN NEVADA APPRENTICESHIP COORDINATORS ASSOCIATION

**DON'T
MISS OUT!**

THE BUILDING TRADES

BULLETIN

Celebrating 90 years

WANTED

Workers who want to make \$25-45/hour after 4 years of education, with no student debt!

Start earning internationally-accredited, stackable credentials in advanced construction TODAY!

“WE'RE BUILDING THE NEW NEVADA!”

Reno, NV--The Building & Construction Trades Council of Northern Nevada has been training, advancing and supporting the men and women who build Northern Nevada since 1928. You see our work everywhere you go in Reno-Sparks, from our schools to Greater Nevada Field to the Galena Creek Bridge.

Our state-of-the-art training programs for paid apprentices ensures that our skilled trades are the best in the state--after all, their job is to build the places you live, work, and play every day. We're looking forward to another 90 years of a strong, well-trained workforce!

THANK YOU TO OUR SIGNATORIES!

APPRENTICE-
SHIPS OFFER

A CLEAR
CAREER PATH

FOR
EVERYONE

**WOMEN
ENCOURAGED
TO APPLY!**

**DID YOU
KNOW
???**

Our apprentices start earning **equal** wages and benefits on day one!
(and most of them earn concurrent college credits--FREE!)



BCTNN.ORG/BUILDYOU #WEBUILDNEVADA