

State News for NSPE Members

NSPE-NV January Luncheon Recap

NSPE-NV held its monthly luncheon on the topic – **Welding Topics and Practical Knowledge You Didn't Learn in Engineering School** – with the featured speaker **Torie Winton, P.E.**, on January 16.

Torie Winton started her career as an intern for the City of Las Vegas Department of Public Works prior to working for multiple companies as a special inspector. After gaining practical experience inspecting various structural, land development, and infrastructure projects, she accepted a position as an engineering associate with the public works department. Her interest in the vertical world caused her to transfer to the Department of Building & Safety where she now serves as the building & safety manager over the engineering section. In addition to working for the City of Las Vegas, she is a part-time instructor at the College of Southern Nevada in their Welding Technologies program.





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Engineering in Nevada – Building the Foundations

Patty Mamola, P.E., the executive director of the Nevada State Board of Professional Engineers and Land Surveyors, is featured in a *Nevada Business* article about the contributions that engineers make to society. Access the article [here](#).

State Licensing Board Meeting

The [Nevada State Board of Professional Engineers and Land Surveyors](#) will hold a meeting on **January 24**. Access meeting information [here](#).

Hydrogen Gains Steam in Nevada Public Transportation

Lithium exploration, geothermal development and expanding transmission capacity are key topics in the drive for green energy development in Nevada. But regional transportation commissions throughout the state are looking to another form of green energy to reduce their carbon footprint: hydrogen.

The Regional Transportation Commission of Southern Nevada added two hydrogen fuel cell electric buses to its fleet earlier this year, the first of their kind to operate in the state, [The Nevada Independent reports](#). Its regional counterpart in

Washoe County is rolling out its first two hydrogen fuel cell buses in early 2024, with six more expected to come online later in the year.

The buses are fueled by compressed hydrogen gas. The fuel cells in the buses combine hydrogen — the most abundant element in the universe — and oxygen to generate electricity, producing water and heat as byproducts.

All 68 of Washoe County Regional Transportation Commissions buses are powered by alternative fuel.

Southern Nevada RTC's 400-bus fleet consists of 80% "clean" buses, mostly powered by natural gas. According to the Environmental Protection Agency, natural gas produces substantially less emissions than coal and fossil fuel. Less than 2% of its fleet consists of zero-emission buses, according to Roger Johnson, manager of zero-emission RTC fleet technology, although the agency is adding 22 hydrogen fuel cell buses in 2024 to join the two it just rolled out. [Read more.](#)

Are You Ready to Lead Within NSPE-NV?

NSPE-NV is seeking an individual to serve as secretary for the state society/foundation boards.

Please contact Martin Jensen (mjensen@teamues.com) or Bob Thomsen (Bob.Thomsen@gesnevada.com) if you are interested.

Stay up to date on legislative issues through the [NSPE Advocacy Center](#).

Help Guide the Future of NICET's SSI Program

The National Institute for Certification in Engineering Technologies (NICET), a division of the NSPE, is developing a certification program for the Systems Software Integrator (SSI) certification program. NICET invites you to [participate in the SSI Job Task Analysis survey](#) to provide vital feedback needed to develop the program.

The SSI certification program seeks to reduce risk, improve quality, and ensure public safety from new emerging technologies as software and information technology increasingly converges with the operation of physical processes and machinery affecting our lives.

We highly value the insight you can provide and would greatly appreciate you taking the time to complete the survey by February 5. After completing the survey, participants can enter into a drawing for a \$100 Amazon gift card.

Nominations Open: 2024 Excellence Awards

Please consider nominating a colleague for an NSPE Excellence Award.

NSPE Award : The NSPE Award is the highest award given to an individual by the Society. It is presented to an engineer who has made outstanding contributions to the engineering profession, the public welfare, and humankind. The nomination deadline is March 1.

New Professional Award : This award recognizes a young NSPE member who has made outstanding contributions to the engineering profession and the community during the early years of one's career. The nomination deadline is March 1.

Engineering Education Excellence Award : This award recognizes engineering faculty who have demonstrated the ability to link engineering education with professional practice. The recipients must be licensed and have a faculty appointment in an ABET-accredited engineering program. The nomination deadline is March 31.

Call for NSPE Fellow Membership Nominees

Nominations for the **NSPE Fellow Membership Grade** are **due by March 1**. This prestigious national program aims to recognize dedicated professional engineers who have demonstrated outstanding and sustained service at the chapter, state, and national levels of NSPE. [Access more information about the nomination process](#) .

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