

State News for NSPE Members

NTSB Investigating Brightline High-Speed Train Crashes

The National Transportation Safety Board said it will investigate two crashes involving Florida's Brightline train that killed three people at the same railroad crossing on the high-speed train's route between Miami and Orlando, the [Associated Press reports](#).

The crashes happened at a crossing along the US 1 corridor in Melbourne, on Florida's Atlantic coast, where the high-speed train passes through on its daily routes to and from South Florida. Since Brightline launched the 160-mile extension that links South Florida and Orlando in September, there have been five deaths, according to an Associated Press database. [Read more](#).

UF Plans to Advance the Field of Industrialized Construction Engineering

[The University of Florida has announced](#) that faculty and students will help advance the field of industrialized construction engineering with \$2.5 million in strategic funding from the office of UF President Ben Sasse.

Working together, UF's College of Design, Construction and Planning, and the Herbert Wertheim College of Engineering will seek to revolutionize how the world conceptualizes, designs, and builds affordable and resilient buildings and civil infrastructure. The College of Design, Construction and Planning will use its future 50,000-square-foot Bruno E. and Maritza F. Ramos Collaboratory to harness the power of AI, design automation, and robotic construction to enhance productivity, safety, and quality in residential and commercial construction.

UF's Center for Advanced Construction Information Modeling and the Smart Industrialized Design and Construction Lab will expand their educational offerings and research related to emerging technologies for the design, construction, and maintenance of civil infrastructure.

UF's Herbert Wertheim College of Engineering and the College of Design, Construction and Planning also plan to create a first-of-its-kind undergraduate degree program in industrialized construction engineering, making UF a critical destination for researchers and students interested in the field. This tech-centered program will focus on environmental stewardship, as students research resilient construction practices and learn to use sustainable materials in their work. [Read more](#).

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.

[Take the Survey](#)

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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