



## **Suite of Transportation Lesson Plans Bring Leading Edge Technologies to Middle and High School Students and Educators**

Through one unique project, a high-tech company in rural Virginia developed a suite of lesson plans teaching concepts from intelligent transportation systems and connected vehicle technologies for middle school and high school students. The free lesson plans connect educators with the latest technologies and expose students to a modern vision of careers in the transportation industry. [Read More](#)

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**Seven Ways Transportation Can Move the Needle in D&I:** Tremaine Maebrly reflects the roundtable series on how we might effectively bring D&I best practices to Transportation. [Read More](#)

**Logistics Engineering Technology Pre-College Experience:** The experiential summer program is part of a project to build an academic pathway for Logistics Engineering Technicians. [Read More](#)

## **National Apprenticeship Week is in November**

**Apprenticeship Resources from MTWC:** At MTWC, we know that apprenticeship is an important piece of the puzzle for growing the much needed talent for the Transportation industry. We have compiled several resources around apprenticeship available through the MTWC website and on the MTWC Community of Practice Google+ page.

What are you doing to promote apprenticeship in November? We would love to hear about your events so we can share them with the community. Send us your event information by emailing [maria.hart@wisc.edu](mailto:maria.hart@wisc.edu).

[Apprenticeship Resources](#)

## News of Interest

**Wisconsin State and Local Officials are Asked to Complete Survey on Highway Maintenance Workforce Issues:** MTWC is emailing the survey to Wisconsin county highway commissioners, WisDOT highway maintenance engineers, the people responsible for road maintenance for every city, village, and town with populations of 2,000 or more, and private contractors that perform highway maintenance across the state. [Learn More...](#)

**TDL Task Force Report Proposes Model Solutions to Truck Driver Shortage:** "In all, the Task Force created seven model solutions to address the truck driver shortage. Each model solution stems from one of the concentration areas... " MTWC Program Manager, Maria Hart, was a member of the Task Force. [Download the Report](#)

## Upcoming Events of Interest

**2018 Future City Competition Registration is Open - Regionals Begin January, 2018:** Future City starts with a question—how can we make the world a better place? To answer it, 6th, 7th, and 8th grade students imagine, research, design, and build cities of the future that showcase their solution to a citywide sustainability issue. Past topics include stormwater management, urban agriculture, public spaces, and green energy. The 2017-2018 theme is The Age-Friendly City. Teams will identify an age-related challenge that exists in today's urban environments and engineer two innovative solutions that allow their future city's senior citizens to be as active and independent as they want to be. Participants complete five deliverables: a virtual city design (using SimCity); a 1,500-word city essay; a scale model; a project plan, and a presentation to judges at Regional Competitions in January. Regional winners represent their region at the Finals in Washington, DC in February. After completing Future City, student participants are not only prepared to be citizens of today's complex and technical world, but also poised to become the drivers of tomorrow. [Event Details](#)

**2018 EngineerGirl Essay Contest Open - Deadline: February 1, 2018:** Every year, the EngineerGirl website sponsors a contest dealing with engineering and its impact on our world. This year's theme is, "Engineering for Your Community." Entries accepted in three grade-level categories. Cash prizes. [Event Details](#)

**Accelerate Conference & Expo - November 6 - 8 | Kansas City, MO:** Join your transportation, logistics, and supply chain peers at the Accelerate! Conference & Expo, sponsored by the Women in Trucking Association. Discover how gender diversity can have a positive impact on your career and your company's success! 30+ Educational Sessions on critical transportation issues and trends, along with perspectives of the positive impact women can have on the industry. Expand Your Network with your peers, providers, and other key transportation stakeholders who have an interest in gender diversity. Find Solutions and Build Business in this intimate, integrated conference and exhibition setting. [Event Details](#)

**National Apprenticeship Week 2017 - November 13 – 19:** National Apprenticeship Week (NAW) is a National Celebration that offers leaders in business, labor, education, and other critical partners a chance to express their support for Apprenticeship. NAW also gives apprenticeship sponsors the opportunity to showcase their programs, facilities and apprentices in their community. The weekly events highlight the benefits of Apprenticeship in preparing a highly-skilled workforce to meet the talent needs of employers across diverse industries. [Event Details](#)

**ACTE CareerTech VISION - December 6 - 9 | Nashville, TN:** Join the premier annual gathering of CTE professionals in an exciting, educational, informative and inspirational agenda packed with CTE sessions, expo show and career pavilion, awards and recognition, and a rich array of networking opportunities! [Event Details](#)

**FutureQuest 2017 - December 6 | Madison, WI:** FutureQuest 2017 will provide approximately 5,300 middle school students with an opportunity to relate their current interests to future education and career opportunities found within 16 career clusters. Students who attend this event will be better prepared to choose high school classes that relate to their interests and strengths. [Event Details](#)

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## **About the Midwest Transportation Workforce Center (MTWC)**

The MTWC is a regional surface transportation workforce center funded by the U.S. Department of Transportation (US DOT) Federal Highway Administration (FHWA). The MTWC is located at the University of Wisconsin-Madison.

