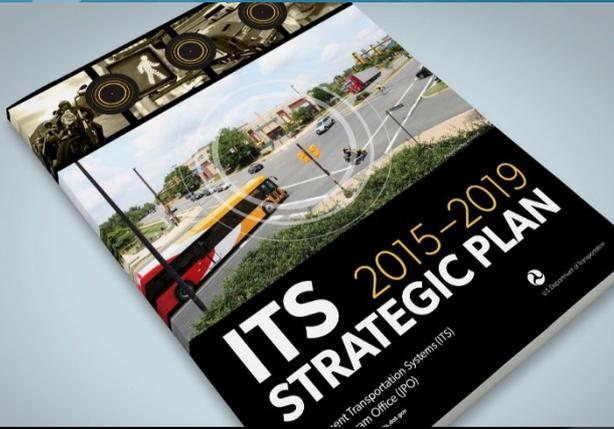




U.S. Department of Transportation



Free ITS Training



- ✓ Increase Your Knowledge of ITS Technologies
- ✓ Excel at Your Career
- ✓ Advance the Mission of Your Organization

The U.S. Department of Transportation offers exciting new training opportunities focused on ITS technologies. All training is FREE and available online, through webinars, in the classroom, or through customized on-site education.



ITS PROFESSIONAL CAPACITY BUILDING PROGRAM

National Regional Transportation Conference
June 17, 2019

Michelle Noch
ITS Joint Program Office
U.S. Department of Transportation

ITS PCB PROGRAM BACKGROUND

Part of USDOT ITS Joint Program Office (JPO)

- **1996:** Authorized by Congress
- **2010:** Reauthorized by MAP-21
- **2016:** Reaffirmed by FAST Act
- **2017:** Embarked on new strategic direction:
 - Build partnerships to direct learning to the right audience
 - Develop new ITS content and fill gaps in existing content
 - Move to cost-effective, engaging delivery methods



ITS PCB PROGRAM OVERVIEW

Build and sustain a capable and technically proficient ITS workforce

Provide comprehensive, accessible, flexible ITS learning for the transportation industry

Focus on current and future transportation professionals—developing their knowledge, skills, and abilities while furthering career paths

Preparing the Transportation Workforce of the Future



In the next decade, millions of new connected vehicles will be on our roads. The new connected vehicle ecosystem will change the way cars, buses, trucks, traffic signals, work zones, and even cell phones operate. This graphic illustrates how the workers of the future need to be prepared for the connected vehicle revolution.



U.S. Department of Transportation
Intelligent Transportation Systems
Professional Capacity Building Program

ITS PCB PROGRAM – PARTNERING



PARTNERSHIP SPOTLIGHT – NADO RESEARCH FOUNDATION

Research Goals:

- Improve Regional Transportation Planning Organization (RTPO) staff and stakeholder access to information about ITS.
- Train RTPO staff and stakeholders on ITS concepts.
- Increase awareness of RTPO professional staff and stakeholders about ITS practices that are applicable to rural contexts.



ITS PCB PROGRAM – PORTFOLIO OF PRODUCTS



CURRENT TRAINING PRODUCTS

- **ITS Standards Training Modules:**
https://www.pcb.its.dot.gov/stds_training.aspX
- **ITS ePrimer:**
<https://www.pcb.its.dot.gov/eprimer.aspx>
- **T3 Webinars:** Various relevant CV and AV topics
- **NHI Courses:** Large number of courses available



ITS FOR UNDERSERVED COMMUNITIES: FOCUS AREAS



Rural Travelers



Economically
Disadvantaged
Travelers



People with
Disabilities

ITS FOR THE UNDERSERVED: PRIORITIES

Engage stakeholders to assess impacts and effectiveness of accessible technologies

Define a complete trip—what it means and what is missing

Improve transportation systems integration with pedestrian and built environments

Coordinate with key partners

Demonstrate, deploy, evaluate and provide guidance for accessible transportation technologies.





ITS PCB RESOURCES

- ITS PCB Program: <https://www.pcb.its.dot.gov/>
- ITS ePrimer: <https://www.pcb.its.dot.gov/eprimer.aspx>
- ITS Standards (and Transit) Training Modules: https://www.pcb.its.dot.gov/stds_modules_transit.aspx
- Talking Technology and Transportation (T3) Webinars: https://www.pcb.its.dot.gov/t3_webinars.aspx
- NHI: <http://www.nhi.fhwa.dot.gov>



QUESTIONS?

STAY CONNECTED

For more information, contact...

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