



*A Local Technical Assistance Program - LTAP*

# **ALABAMA TECHNOLOGY TRANSFER CENTER**

**AT AUBURN UNIVERSITY**

*Presents a Seminar on*

## **Vulnerable Road Users Guide**

<b>Mobile</b>	<b>Montgomery</b>	<b>Huntsville</b>	<b>Pelham</b>
<b>December 4, 2017</b>	<b>December 14, 2017</b>	<b>January 25, 2018</b>	<b>January 26, 2018</b>

This course will present current guidance for designing and improving roadways to support Vulnerable Road User safety in the state of Alabama, defined as pedestrians (with a special emphasis on younger and older pedestrians), older drivers, younger drivers, motorcyclists/scooter riders, bicyclists, horseback and horse-driven conveyance, motorized carts, and farm equipment. Supporting the safety of vulnerable road users is becoming increasingly important as we seek to reduce roadway fatalities and promote sustainable roadway growth.

This course will focus on material from the upcoming Alabama Department of Transportation's Vulnerable Road User Guidebook, and participants will learn about improving cross-sections, separated facilities, roadsides, crossings, and intersections to support all roadway users. This material is a synthesis of best-practices from ALDOT and other State Department of Transportation manuals, major city policy documents (including Alabama MPO pedestrian, bicycle, and transit plans), and federal recommendations/reports (e.g. AASHTO's Green Book, ITE's Designing Walkable Urban Thoroughfares, and NACTO's Urban Street Design Guide, and the current documents addressing accessibility guidelines implementing provisions of the Americans with Disabilities Act of 1990).

This course should be of interest to any planners, engineers, designers, and operations professionals whose work includes improving roadway safety and designing roadway environments. No prior knowledge of roadway design, and only basic math skills are needed to follow the examples in the class. The workshop should be helpful to DOT, MPO, city and county staff members as well as to consultants.

## ***Seminar Topics***

- Overview of Vulnerable Road Users and their Needs
- Role of VRUs in Alabama
- Overarching Guidance Considerations
- Cross-sectional Countermeasures to Support VRUs
- Intersection and Crossing Countermeasures to Support VRUs
- Implementing Guidance
- Planning for VRUs
- Conclusions

## ***Seminar Instructor***

Dr. Jeffrey LaMondia is an Associate Professor in the Department of Civil Engineering at Auburn University. He is a national expert in travel demand, active travel safety and travel choice/behavior analyses. His expertise is in the development and application of discrete choice models as well as advanced travel survey methods. Much of his research focuses on equitable planning for vulnerable road users (VRU), with an emphasis on promoting safe cycling and modeling safe cyclist travel behaviors. He often develops advanced technologies for his research, including creating his own smartphone application for tracking cyclist routes and coding simulation and VRU network prioritization tools in geographic information systems (GIS). Dr. LaMondia has received a number of awards for his research and teaching (including the National Academies' Transportation Research Board Fred Burggraf Best Paper Award, the Auburn University College of Engineering Faculty Research Award, and the Walker Teaching Award) as well as been invited to speak at a variety of national and international conferences (including the International Association of Travel Behavior Researchers, International Conference on Travel Survey Methods and the Annual Transportation Research Board Meeting).

## ***Seminar Schedule***

8:00 a.m.	Registration & Check-In (Coffee)
8:30 a.m.	Call to Order, Welcome, Seminar Objectives
10:15 a.m.	BREAK
12:00 Noon	LUNCH
1:00 p.m.	Seminar Instruction Continues
2:15 p.m.	BREAK
4:00 p.m.	Seminar Evaluations, Certificates, Adjournment

## ***Locations***

### **Mobile - December 4, 2017**

Hampton Inn & Suites Providence Park  
525 Providence Park Drive  
Mobile, AL 36695  
**251-776-5866**

### **Montgomery - December 14, 2017**

Hilton Garden Inn Montgomery - East Chase  
765 East Chase Parkway  
Montgomery, AL 36117  
**334-244-0101**

### **Huntsville - January 25, 2018**

Holiday Inn - Research Park  
5903 University Drive  
Huntsville, AL 35816  
**800-845-7275**

### **Pelham - January 26, 2018**

Pelham Civic Center  
500 Amphitheater Road  
Birmingham, AL 35124  
**205-620-6488**

## ***Continuing Education Units***

Participants completing this seminar will receive 0.60 Continuing Education Units (CEUs). The CEU is a nationally accepted measure of continuing education credit and is awarded at the rate of one CEU for each ten contact hours of qualifying instruction. Auburn University makes every effort to ensure that the CEU granting programs conform to the requirements of the State of Alabama Board of Licensure for Professional Engineers and Land Surveyors for the award of Professional Development Hours to support the annual renewal of professional licensure.

## ***Sponsorship***

This seminar is one of the series of conferences and workshops being conducted as part of the Alabama Technology Transfer Center at Auburn University. This program is a part of the Local Technical Assistance Program (LTAP) supported by the Federal Highway Administration, the Alabama Department of Transportation, and Auburn University.

This seminar is the 353rd offered, with more than 45,000 attendees, since the program's inception in 1983. The Alabama Technology Transfer Center is administered at Auburn University through the Engineering Continuing Education office and the Department of Civil Engineering. For further information and suggestions for future programs, contact Rod Turochy, Department of Civil Engineering, at 334-844-6271 or [rodturochy@auburn.edu](mailto:rodturochy@auburn.edu).

## ***Accommodation of Participants with Disabilities***

It is the policy of Auburn University to provide accessibility to its programs and reasonable accommodation for persons defined as having disabilities under the Americans with Disabilities Act of 1990. Please contact us at least two weeks prior to the event so that proper consideration can be given to any special needs.

## ***Cancellation Policy***

We understand that circumstances may arise that could require you to cancel your registration, and we make every effort to accommodate your needs. Due to commitments to our instructors and facilities, the registration fee is not refundable if a registrant withdraws less than five working days before the seminar. You may substitute registrants; please notify us in advance if possible. Non-paid, no show registrants will be invoiced for the full cost of the seminar. Engineering Continuing Education reserves the right to cancel or modify any program offering, but will provide registrants the option of a full refund. Auburn University will not be responsible for expenses incurred by a registrant as the result of a cancelled or rescheduled program.

## ***Registration***

Your pre-paid registration guarantees you a seat in the seminar as well as information on any changes to the seminar. Registration on the day of the seminar will be accepted on a space available basis, but enrollment will close when the capacity of the seminar is reached. **Participants are reminded that registration is not complete until payment is received.**

**ONLINE REGISTRATION AT:** [WWW.ENGCE.AUBURN.EDU](http://WWW.ENGCE.AUBURN.EDU)

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Name \_\_\_\_\_

Employer \_\_\_\_\_ Position \_\_\_\_\_

DOT Division/Bureau \_\_\_\_\_ Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip+4 \_\_\_\_\_

Phone \_\_\_\_\_ Fax \_\_\_\_\_ E-mail \_\_\_\_\_

**Fee: \$150.00**

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Credit Card # \_\_\_\_\_

Security Code\* \_\_\_\_\_ Expiration Date \_\_\_\_\_

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Cardholder's Name \_\_\_\_\_

Signature \_\_\_\_\_

Are you an Auburn Alumnus?    Yes     No

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Phone 1-800-446-0382 or 334-844-4370  
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