

BASIC TRAFFIC STUDIES

(Copy and fill out one for each registrant)

(Please print)

NAME: _____

TITLE: _____

ORGANIZATION: _____

STREET ADDRESS: _____

CITY: _____ STATE/ZIP: _____

PHONE: _____ FAX: _____ EMAIL: _____

Please check appropriate box:

- \$120 (Other)
- Free (Employee of City or county)

Payment by:

- Check (payable to The University of Tennessee)
- Cardholder's Name _____
- Card No: _____ Expires: _____
- Security Code # _____

RETURN AS SOON AS POSSIBLE

REGISTER ONLINE/MAIL/FAX TO:
 Tennessee Transportation Assistance
 Program (TTAP)
 Attn: Diana Webb
 Center for Transportation Research
 The University of Tennessee
 309 Conference Center Bldg.
 Knoxville, Tennessee 37996-4133
 Tel: 865-974-5255 Fax: 865-974-3889
 Web: <http://ttap.utk.edu>

REGISTRATION

This is a **free** workshop for all city or county employees. Pre-registration is required. The registration fee for other attendees is \$120 per person. TDOT employees must register through their local TDOT Training Office at least 10 working days in advance. Please note your employment status on the registration form. A course may be canceled if there is low enrollment. Forty-eight hours notice will be given to registrants if a course is canceled. **Register early! Limited enrollment!**

CANCELLATION POLICY

Due to commitments to our instructors and facilities, the registration fee is not refundable if a registrant withdraws less than forty-eight hours before the workshop. You may substitute registrants; please notify us in advance if possible. Please register early as attendance to our workshops has increased. We may not accommodate walk-ins on the day of the workshop.

HOW TO REGISTER

Register online/mail/fax to:

**Tennessee Transportation Assistance
 Program (TTAP)
 Attn: Diana Webb
 Center for Transportation Research
 The University of Tennessee
 Suite 309, Conference Center Bldg.
 Knoxville, TN 37996-4133
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BASIC TRAFFIC STUDIES

**June 21-22, 2023
 ONLINE WORKSHOP
 (FREE FOR LOCAL AGENCIES)**



CENTER FOR
 TRANSPORTATION RESEARCH



**309 Conference Center Bldg. • Knoxville, TN
 37996 • Tel: 865-974-5255 • <http://ttap.utk.edu>**

WHAT THIS IS ABOUT

The collection and analysis of data is an important step in addressing many traffic engineering issues. This course describes traffic studies related to volumes, delay, and speeds - the three most commonly performed in practice, including speed as it relates to curvature and sight distance. Each of these studies is described in detail, including theory, techniques for data collection, data analysis, and presentation of results. Upon completion of the course, the attendee should

- Understand the nature and use of the various measures,
- Be able to choose the proper locations and equipment for data collection,
- Identify the needed quantities of data to provide valid results,
- Understand how to develop and present results from the collected data.

This class is a core curriculum requirement for TATE.

WHO SHOULD ATTEND?

This course is intended for managers, engineers, and technicians responsible for the management, collection, or analysis of traffic data. Basic math skills are required.

WHEN-WHERE

June 21-23, 2023

(9:30-12:30 pm Eastern)

Online workshop (*Instructions will be emailed to you when you register for the workshop.*)

PDHs AVAILABLE

6 Professional Development Hours (PDHs) can be granted for this course.

INSTRUCTOR

David Metzger, Traffic Engineer (retired),

Mr. Metzger worked on a variety of issues for the Bristol Transportation Planning Organization, such as a long-range transportation planning and modeling. In his role as traffic engineer for the City of Bristol, Tennessee, his duties included the collection of data for speeds, delay, and volumes for a variety of studies, such as setting safe posted speeds of curves, determining on-street parking limits and signage based on sight distance, collection of data for traffic signal warrant analyses, neighborhood traffic studies, and collection of field data to apply for long-range transportation planning. He is also involved in the selection of countermeasures based on those data findings. He holds a B.S. degree in Civil Engineering and an M.S. degree in Transportation Engineering, both from the University of Wisconsin-Milwaukee, and retired after over 37 years of experience in Bristol. He is a Fellow of ITE.

TENNESSEE ACADEMY FOR TRANSPORTATION ENGINEERING (TATE)

This course is one of six courses that form the **core requirement** for the Tennessee Academy for Transportation Engineering (TATE) certificate. TATE provides continuing education for engineers, planners, designers and technicians. It focuses on the basic design of transportation facilities, the evaluation of traffic operations, and the collection of data to support various transportation studies. Successful completion of the required curricula of core and elective courses confers TATE certification. For more information, contact Dr. Airton Kohls at 865-974-5255.

AGENDA

June 21, 2023

(9:30 - 12:30 pm Eastern)

Introduction

Traffic volume studies-Part 1

Traffic volume studies-Part 2

June 22, 2023

(9:30 - 12:30 pm Eastern)

Traffic speed studies-Part 1

Traffic speed studies-Part 2

Travel time and delay studies

**Please inform us if you want to receive credit for the course toward the Transportation Engineering Certificate.*

The University of Tennessee is an EEO/AA/Title VI/Title IX/Section 504/ADA/ADEA institution in the provision of its education and employment programs and services. All qualified applicants will receive equal consideration for employment and admission without regard to race, color, national origin, religion, sex, pregnancy, marital status, sexual orientation, gender identity, age, physical or mental disability, genetic information, veteran status, and parental status.