

An Introduction to

URBAN TRANSPORTATION PLANNING:

Challenges, Emerging Methods and New Solutions

March 19-23, 2007

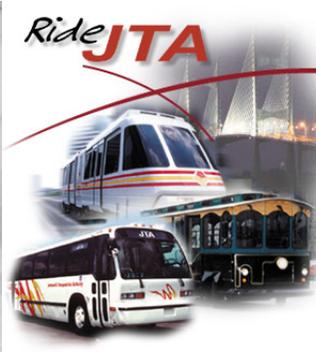
Tampa, Florida

Best Western All Suites Hotel



Image used courtesy of the Amalgamated Transit Union

First Chance to Register!



Former Professors from the Center for Urban Transportation Studies of the University of Wisconsin-Milwaukee and the University of Tennessee, in partnership with the Florida Department of Transportation and the Florida Public Transit Association, will conduct a week-long training seminar entitled “Urban Transportation Planning: Challenges, Emerging Methods and New Solutions”. The seminar will be at the Best Western All Suites Hotel located in Tampa, Florida (phone 800-786-7446 for special rates). The hotel will provide a full, hot breakfast each day. The course registration fee is \$100.00 which includes four lunches, one dinner, breaks and course handouts.

This course will cover the following topics:

- **The 4 step urban transportation planning process;**
- **Data requirements for transportation planning**
- **Standardized survey techniques**
- **Travel demand forecasting;**
- **Trip generation**
- **Trip distribution;**
- **Transit planning;**
- **Mode split and auto occupancy;**
- **Traffic assignment;**
- **Land use issues and,**
- **Future directions.**

This course is a solid introduction and refresher to Urban Transportation Planning. It is also an opportunity to network with transit agency, MPO and FDOT staff.

If interested, promptly complete the attached registration form. If you have questions, contact Edward Beimborn at edward@beimborn.com or 262-377-5467

Payment must be received before the class starts. Payment can be by credit card at www.beimborn.com/ed

Register early if you wish to be accepted for attendance. Based on past experience, this class will close out very soon after this announcement.

Hotel room reservations should be made at least two weeks in advance of the course. **Call 800-786-7446, ask for the DOT March special room rate.**

Outline **Monday**

- 8:30 **Introduction to Course:** Areas of Concern
- 10:00 **Urban Transportation Planning Process:** Overview; decision based planning
- 11:00
- 12:30 **Urban Transportation Plans:** Steps, Evaluation procedures
- 1:30 **Lunch**
- Travel Demand Forecasting:** Overview of four step process, network development, data requirements for forecasting
- 3:30
- Travel Forecasting Data Needs:** Network development; travel trends and patterns
- 5:00 **Adjourn**

Tuesday

- 8:30 **Population, Economic and Land Use Forecasting**
- 10:30 **Trip Generation**
- 12:00 **Lunch**
- 1:00 **Trip Distribution** Gravity model; overview; growth factor methods
- 4:00 **Transit Planning:** Transit planning process; performance indicators; alternatives; existing systems;
- 5:00 **Adjourn**

Wednesday

- 8:30 **Transit Planning (continued)** new services; route/cost relationships; short term demand estimation
- 10:30 **Transit CAI (Computer Aided Instruction) Workshop**
- Lunch**
- 12:00 **Transit alternatives, cost estimates:**
- 2:30 The Belle Urban Crisis
- 5:00 **Adjourn**

Thursday

- 8:30 **Discussion of Transit Workshop Recommendations**
- 10:30 **Mode Split/Auto Occupancy**
- 12:00 **Lunch**
- 1:00 **FDOT update on tools for transit service Analysis**
- 3:30 **Traffic Assignment:** Path finding; equilibrium concepts; delay relationships; calibration; assignment workshop; use of results for impact analysis
- 5:00 **Adjourn**

Friday

- 8:30 **Land Use Planning and Policy**
- 10:30 **Future Directions:** Process; models; alternatives
- 11:15 **Adjourn**

To Register

An Introduction to Urban Transportation Planning

Four Convenient Ways to Register

By Mail:

UTrans Associates
c/o Edward Beimborn
8120 Pleasant Valley Rd,
Saukville, Wisc., 53080

By Phone:

Call (262) 377-
5467

By Internet

Go to
www.beimborn.com/ed :

By E-Mail:

Send name and contact
information to:
edward@beimborn.com

Name: _____

Title: _____

Agency: _____

Address: _____

City/State/Zip: _____

Daytime Phone _____

E-Mail: _____

Course Fee: \$100 (does not include lodging). This course is sponsored by the Florida Department of Transportation and is primarily intended for residents of the State of Florida. A very limited number of seats may be available for others on special request.

Make checks payable to UTrans Associates. Credit cards payable on line at
www.beimborn.com/ed:



Course Location:

Best Western All Suites Hotel
3001 University Center Drive
Tampa, Florida 33612
800-786-7446 ask for the DOT March rate

Purpose

Recent changes in federal and state legislation have led to a renewed importance for transportation planning. Considerations of economic development, congestion management, concurrency, transit proportionate share, transportation control measures and changing urban form have greatly increased the importance of well planned transportation facilities and policies. Since the quality and vitality of the urban environment relate directly to the nature of transportation facilities, few issues are so long-term in impact or so controversial in solution. This short course will: discuss new directions in the urban transportation planning process; discuss its relationship to transportation facilities development; describe methods of travel and evaluation for urban transportation planning; and, discuss possible means of achieving project and societal objectives. This short course will include workshop sessions and will introduce participants to the use of computer solutions to transportation planning and design problems.

Individuals actively engaged in technical or policy-making resolution of urban transportation problems (urban and regional planners and modelers, traffic and transportation engineers, municipal engineers, and other technically oriented personnel) are encouraged to participate in the course.

Instructors The course will be taught by individuals with a combined total of over 75 years of experience in urban transportation planning and travel forecasting. These are:

Dr. Edward A. Beimborn, Professor Emeritus of Civil Engineering, University of Wisconsin – Milwaukee. Dr. Beimborn has worked and written extensively on land use issues, planning methodologies, mass transit and evaluation techniques.

Dr. Frederick Wegmann, Research Professor of Civil Engineering, University of Tennessee. Dr. Wegmann is an expert on travel forecasting. He has been involved in planning studies, transportation research and professional training for over 30 years..

General Information	Program Director:	Edward Beimborn, Former Director, Center for Urban Transportation Studies, College of Engineering and Applied Science, University of Wisconsin – Milwaukee, Milwaukee, Wisconsin, 53201-0794.
	Program Information:	For more information e-mail to edward@beimborn.com or call 262-377-5467
	Dates:	March 19-23, 2007
	Fee:	\$100 – the registration fee includes hand-out materials for the course, four lunches, one dinner and breaks. Make checks payable to UTrans Associates or register on line at www.beimborn.com/ed
	Lodging:	A block of rooms has been reserved at a reduced rate at the Best Western All Suites Hotel located at 3001 University Center Drive, Tampa, Florida, 33612. The hotel telephone number is 800-786-7446 Use this number for a special rate. The hotel fax is 813-971-8935. Individual reservations must be received by the Best Western All Suites Hotel no later than two weeks before the course..
	Deadline:	Registration deadline is Friday, March 2, 2007 . Register as soon as possible to attend the workshop (it does fill up very quickly). Class is limited to 26 people and there is absolutely no registration at the door.
	Refund:	If this program is canceled for any reason, registrants will receive a full refund. If you cancel, and no one else from your agency is able to come in your place, please notify us at least fourteen (14) days in advance of the program date to arrange for a refund.
	Software:	Information about Transit Related software developed by FDOT will be distributed to participants.
	Note:	Please advise us at registration if you require special accommodations and/or meals. Requests will be kept confidential. We reserve the right to cancel the workshop due to insufficient enrollment. Before making nonrefundable airline ticket purchases, contact the program director..

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**Course instruction is sponsored by the Public Transit Office
Of the Florida Department of Transportation**