

An Introduction to
URBAN TRANSPORTATION PLANNING:
Challenges, Emerging Methods and New Solutions

October 20-24, 2008

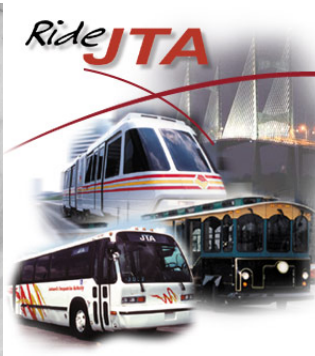
Tampa, Florida



Image used courtesy of the Amalgamated Transit Union

Sponsored by the
Florida Department of Transportation

Registration is now Open!



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 Center for Urban Transportation Research (CUTR) at the University of South Florida in Tampa, Florida. A block of rooms has been reserved at the Wingate hotel nearby. The hotel will provide a buffet hot breakfast each day. The course registration fee is \$135.00 which includes four lunches, breaks and course handouts.

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; treat specific techniques of analysis 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.

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, Send an email with name, affiliation, contact information and method of payment to Edward Beimborn at edward@beimborn.com or call 262-377-5467

Payment must be received before the class starts. Payment can be by credit card at www.beimborn.com/ed or by check to Edward Beimborn, 8120 Pleasant Valley Rd., Saukville, WI, 53080

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 early, A reduced room rate is available until September 19 at the Wingate hotel (call 813-979-2828)

Outline **Monday**

- 8:30 **Introduction to Course:** Areas of Concern
- 10:00 **Urban Transportation Planning Process:** Overview; decision based planning, Steps, Evaluation procedures
- 12:00 **Lunch**
- 1:00 **Travel Demand Forecasting Overview:** 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; benefits of transit, demand characteristics, performance indicators; transit alternatives
- 5:00 **Adjourn**

Wednesday

- 8:30 **Transit Planning** (continued) design of new services; route/cost relationships; short term demand estimation
- 11:00 **Transit CAI** (Computer Aided Instruction) **Workshop**
- 12:00 **Lunch**
- 1:00 **Transit Route Analysis:** alternatives, cost estimates:
- 2:30 **The Belle Urban Crisis Workshop**
- 5:00 **Adjourn**

Thursday

- 8:30 **Discussion of Transit Workshop Recommendations**
- 10:30 **Mode Split/Auto Occupancy**
- 11:30 **Travel model demonstration**
- 12:00 **Lunch**
- 1:00 **Update on tools for transit analysis**
- 2:00 **Energy and Climate Issues**
- 3:30 **Traffic Assignment:** Path finding; equilibrium concepts; delay relationships; calibration; assignment workshop; use of results for impact analysis
- Adjourn**

Friday

- 8:30 **Traffic Impact Analysis**
- 9:30 **Land Use Planning and Policy**
- 10:30 **Future Directions:** Process; models; alternatives
- Adjourn**

To Register

An Introduction to Urban Transportation Planning

Four Convenient Ways to Register

By Mail:

Edward Beimborn
8120 Pleasant Valley Rd,
Saukville, Wisc., 53080

By Phone:

Call (262) 377-
5467

By Internet

Go to
www.beimborn.com/ed :
and register via pay pal

By E-Mail:

edward@beimborn.com

Name: _____

Title: _____

Agency: _____

Address: _____

City/State/Zip: _____

Daytime Phone _____

E-Mail: _____

Course Fee: \$135 (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 Edward Beimborn

Credit cards payable on line at
www.beimborn.com/ed:



Course Location:

Center for Urban
Transportation Research
University of South Florida
Tampa, Florida

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, Professor Emeritus and Former Director, Center for Urban Transportation Studies, College of Engineering and Applied Science, University of Wisconsin – Milwaukee.
	Program Information:	For more information e-mail to edward@beimborn.com or call 262-377-5467
	Dates:	October 20-24, 2008
	Fee:	\$135 – the registration fee includes hand-out materials for the course, four lunches, and breaks. Make checks payable to Edward Beimborn or register on line at www.beimborn.com/ed
	Lodging:	A block of rooms has been reserved at the Wingate hotel, 3751 Fowler Ave. Tampa, Florida 813-979-2828 ask for the DOTT rate, available until September 19
	Deadline:	Registration deadline is Friday, October 10, 2008 or when the course is filled. Registrations are not final until payment is received. 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. Cancellations after that cannot be refunded.
	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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