

# AGENDA

## FSUTMS MODEL CALIBRATION WORKSHOP

### Day One - 1:00 p.m.

<u>Session</u>	<u>Description</u>
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|---|------------------------------------------------------------------------------------------------------------------|
| 1 | <b>FSUTMS Workshop Introduction</b>                                                                              |
| 2 | <b>Review of FSUTMS Process -- Overview, New Directions</b><br><i>Microcomputer Workshop:</i> Overview of FSUTMS |
| 3 | <b>Introduction to Calibration -- Areas of Concern</b>                                                           |
| 4 | <b>Surveys and Survey Techniques</b>                                                                             |
| 5 | <b>Highway and Transit Models Overview</b>                                                                       |

**Summary of Day 1 ( End 5:00 P.M.)**

### Day Two - 8:15 a.m.

<u>Session</u>	<u>Description</u>
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| 6 | <b>External Models</b><br><b>Microcomputer Workshop:</b> External Model<br>- <i>Problem: Create an EE Trip Matrix</i><br>- <i>Problem: Adjust EE Trips</i>                                                                                                                                                             |
| 7 | <b>Generation Models</b><br><b>Microcomputer Workshop:</b> Generation Model<br>- <i>Problem: Review Trip Generation Inputs</i><br>- <i>Problem: Execute Trip Generation</i><br>- <i>Problem: Adjust Attraction Rates</i><br>- <i>Problem: Review a Node/Point Chart</i><br>- <i>Problem: Adjust Special Generators</i> |
| 8 | <b>Highway Network Models</b><br><b>Microcomputer Workshop:</b> Highway Networks<br>- <i>Problem: Review Highway Network Inputs</i><br>- <i>Problem: Adjust Speeds</i><br>- <i>Problem: Update Highway Network</i><br>- <i>Problem: Review Updated Network</i>                                                         |

- 9     **Minimum Path/Skims**  
      **Microcomputer Workshop: Highway Paths**  
      - Problem: Select Alternate Network  
      - Problem: Execute Highway Paths  
      - Problem: Display Highway Paths  
      - Problem: Isochrones

10    **Transit Network Models**

**Summary of Day 2 (End 5:00 P.M)**

**Day Three - 8:15 a.m.**

**Session   Description**

- 11    **Distribution Using Gravity Model**  
      **Microcomputer Workshop: Distribution Model**  
      - Problem: Review Trip Distribution Inputs  
      - Problem: Execute the Trip Distribution Model  
      - Problem: Review Results
- 12    **Mode Choice/Occupancy Models**  
      **Microcomputer Workshop: Mode Choice**  
      - Problem: Run the Mode Choice Model  
      - Problem: Retrieve Transit Data by Mode Share  
      - Problem: Adjust Modal Constants and Compare Results
- 13    **Assignments Using Equilibrium Techniques**  
      **Microcomputer Workshop: Highway Assignment**  
      - Problem: Performing Assignment  
      - Problem: Review Results  
      - Problem: Create a Desire Line Map
- 14    **Evaluation/Post Processing Techniques**  
      **Microcomputer Workshop: Highway Evaluation**  
      - Problem: Review HEVAL Results  
      - Problem: Review RMSE Results

**Summary of Day 3 (End 5:00 P.M.)**

**Day Four 8:15 a.m.**

**Session   Description**

- 15    **Summary of Model Calibration Criteria**

**16 Case Study Analysis**

***Microcomputer Workshop: Case Study #1***

- *Problem: Review Outputs*
- *Problem: Organize and Implement a Validation Run*
- *Problem: Review Impacts of Validation Run*

**Course Summary - Evaluations**

**Adjourn (End 12:00 Noon)**