

Title of the whole course: : Urban Mass Transportation Systems

Quality and Benchmarking in Public Transport

Name of the Educational Test Site:

AUTH : Aristotle University of Thessaloniki, School of Technology, Faculty of Rural & Surveying Engineering, Department of Transportation & Hydraulic Engineering

Objective of the whole course. The lecture aims at the following :

- Understanding of the concepts «The role of Urban Public Transport Systems» and «Quality in Urban Public Transport Systems»
- Learning of the parameters affecting operation and quality in Urban Public Transport Systems
- Informing students on the new European framework concerning quality in Public Transport
- Learning of «tools» for measuring and improving quality in Public Transport
- Learning of measures and techniques for improving operational characteristics of Urban Public Transport Systems

Content of the whole course

- The role of Urban Public Transport systems
- Legislation framework
- Principles of organizational aspects – existing situation on Greece-
- Capacity of bus lines
- Cost allocation models
- Operational characteristics of bus lines
- Routing and scheduling techniques
- Bus network characteristics
- Vehicle characteristics
- Evaluation of the level of service
- Passenger information systems
- Data collection and analysis in Public Transport

Which parts of PORTAL (project results) were taken up?

Chapter 5 «Participation» of the PORTAL written materials and transparencies

Which PORTAL material was used?

Selected PORTAL transparencies supplemented by additional (own) transparencies

Separate / existing course	Existing
Optional / compulsory course	Optional
Name of the corresponding curricula	Urban Mass Transportation Systems
Participants' level	Undergraduated students (8 th academic semester)
Type of input	Lecture
Number of participants	20 (estimated)
Timing	March 2003
Duration	3 hours at least
Exercises	Discussion group
Language	Greek

Name of the teacher	Associate Professor Christos Taxiltaris Lecturer Socrates Basbas
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Website of institution and / or lecturer	http://www.auth.gr/
Language of lecturer	Greek
Fields of expertise	Public Transport Transportation Planning Transportation Engineering Traffic Safety