

**Title of the whole course: Urban public transport
(Miestų visuomeninis transportas)**

Quality and Benchmarking in Public Transport

Name of the Educational Test Site:

VGTU : Vilnius Gediminas Technical University (Vilniaus Gedimino Technikos Universitetas)

Objective of the whole course

- The MSc students deepen knowledge in the particular fields of Public transport
- The students learn how to design and organize public transport services
- Students prepare course project and get practical knowledge how to design public transport routes, calculate timetables, how to organize and evaluate public transport services.

Content of the whole course

Demands on public transport. Public transport types and structure. Route network and constitution principles. Non-route public transport. Social criterions, which are influencing development of public transport. Economical factors in the development of public transport. Passenger flows and formation principles. Route network connections with other transport modes. Organization of public transport in free market conditions. Ticketing system. Information about public transport.

Exercises: Computation of demand on public transport in medium town. Calculation of work and leisure trips. Formation of passenger flows. Design of route network. Calculation of intervals. The need of transport units. Influence of non-route transport on passenger transportation. Design of passenger transport services.

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

Most of the prepared material (chapter 2) with transparencies were used during lections on quality and benchmarking in Public transport. (Supplemented and refreshed module “organization of public transport in free market conditions” with material “quality and benchmarking in public transport” gave good overview about the state of the art in western Europe). Examples of Oslo and London were presented.

Which PORTAL material was used?

Selected PORTAL transparencies and the biggest part of Learning material.
Project results: Evaluation of the organization of public transportation in Vilnius (Lithuania-Denmark).

Separate / existing course	Existing
Optional / compulsory course	compulsory
Name of the corresponding curricula	Urban Transport Systems
Participants' level	Masters Degree
Type of input	lecture
Number of participants	12
Timing	7 th October 2002
Exercises	Excursion
Language	Lithuanian

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Website of institution and / or lecturer	http://www.vgtu.lt/english/faculties/
Language of lecturer	Lithuanian, English , Russian, Polish
Fields of expertise	Public Transport: Quality and Benchmarking Public Transport: regulatory Frameworks Urban Traffic Management and Restraint Mobility Management and Travel Awareness Transport and land use: