

**Title of the whole course: 13110 Transport Systems Analysis**

## **Modelling and data analysis**

**Name of the Educational Test Site:**

**DTU: Centre for Traffic and Transport, Technical University of Denmark**

**Objective of the whole course**

- To get an overview of Transport systems
- Provide the basis for the advanced courses at CTT.
- The different modules in traffic planning are introduced: descriptive, predictive and normative models.
- Use methods on practical examples
- Learn planning techniques by use of PCs.

**Content of the whole course**

- Transport models
- Impact models
- Evaluation models
- Decision- and policy making

**Which parts of POTAL (project results) were taken up?**

The POTAL material was used at the course section with transport models.

**Which POTAL material was used?**

- The whole material is given to the students for self-evaluation as an exercise
- The students were given the report/written material for the theme Modelling and data analysis, and asked to give their judgement of the usability of the material
- Due to the schedule of the course (course just began) they could not be used for a lecture

<b>Separate / existing course</b>	13110 Transport Systems Analysis
<b>Optional / compulsory course</b>	Optional (almost all courses at DTU are optional)
<b>Name of the corresponding curricula</b>	M.Sc.

<b>Participants' level</b>	Level 7
<b>Type of input</b>	Lectures, self study under guidance
<b>Number of participants</b>	22
<b>Timing</b>	February –May, 2003
<b>Exercises</b>	Group work, problem based learning, specific case study
<b>Language</b>	Danish lectures, written material in English and Danish

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Website of institution and / or lecturer	Centre for Traffic and Transport: <a href="http://www.ctt.dtu.dk">http://www.ctt.dtu.dk</a> Course description: <a href="http://www.shb.dtu.dk/default.asp?detail=f&amp;page=3&amp;kurser=13110&amp;lang=uk&amp;retning=*">http://www.shb.dtu.dk/default.asp?detail=f&amp;page=3&amp;kurser=13110&amp;lang=uk&amp;retning=*</a>
Language of lecturer	Danish (English if English students participate in the course)
<b>Fields of expertise</b>	Road traffic Modelling and Data Analysis Pricing Mobility issues Environmental concerns  Transport and land use Project appraisal