In these jointly-taught courses we will study characteristics and problems of transportation systems, principles and relationships underlying travel behavior, the planning process, and methods for analyzing and predicting the system performance. Students will read, observe, interpret, analyze and synthesize data and ideas to understand the complexities of transportation systems, their planning and management. We will examine actions to improve service and moderate the impacts of transportation systems. While the concepts and methods covered will be general, the focus will be on U.S. urban passenger travel.

The two courses are taught jointly to encourage interaction among students with a wide range of experience and perspectives. Homework assignments and exams will differ between classes and will be graded separately.

Rather than using a textbook, we will rely on readings distributed through Blackboard as files or links, and occasionally on handouts. We will also distribute and use a self-instruction CD on travel demand forecasting.

Expectations for students:

- The class will use a lecture-discussion format, and students are expected to come prepared to participate based on readings, assignments, and observation of what is going on in the world that relates to transportation. (Participation in class discussions will contribute about 10% of the term grade).
- Attendance and attention are expected and required. Students may not use class times to play computer games, search the Web or use e-mail. Those who do will be excluded from the class.
- There will be short written assignments linked to readings for most weeks. These will be submitted electronically using the Blackboard electronic drop box by midnight on the due date. Homework will be worth about 30% of the term grade.
- TransCAD GIS and analysis assignments in the lab sessions will be worth about 20%. Of the term grade.
- One hour midterm (20%) and final (20%) examinations will be required.
- Stay in touch through the Blackboard site and e-mail.

Class meets in Tech L251 MW 2:00 - 3:50 p.m. and MG28 Friday 2:00 – 3:50 p.m. Friday meetings will be for laboratory sessions, make up dates due to travel, or discussion sessions for 479 students. We will not meet every Friday, but plan to be available for Friday meetings; cancellations will be announced in advance. Prof. Schofer is usually available to meet students after class and at other times by appointment - use e-mail to schedule.

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