1. Objective of the course
Through reviewing the basics of urban planning and urban transportation planning, we discuss the importance of infrastructure planning especially in the context of developing countries.

2. Outline of the course
1. Introduction of Urban Transportation Planning
2. Urban planning history and Urban transportation
3. New Town Projects and Transportation Strategies
4. Environment and Urban Transportation
5. Urban Analysis and statistics
6. Demand Prediction Modeling
7. Urban Transportation Strategies
8. Public Transportation Systems
9. District-scale traffic management
10. Information technologies and urban transportation
11. Transportation Demand Management
12. Transit Oriented Development
13. Case Study: Curitiba
14. Presentations
15. Final Examination

3. Textbook and References
Textbook: not specified
Reference: Meyer and Miller: Urban Transportation Planning

4. Goal
To obtain basic understandings of urban infrastructure planning.

5. Nature of Class
Lectures

6. Evaluation
Reports and Quiz: 40%, Presentation 20% and Final Exam 40%

7. Related courses