

Transportation Economics

Syllabus Number

8D316

Major Course: Regional
Economics Elective
2 credit

ARAI, Yoshio

1. Course Description

The relation between transportation and economy will be analyzed examining the historical change of Japan's domestic and international transportation. The contribution of transportation to regional society/economy will be also discussed. This class relates to DP1.

2. Course Objectives

The students will get an essential knowledge of understanding the relation between transportation and regional economy from the history of domestic/international transportation and the case studies on the selected regions.

3. Grading Policy

Term examination (60%), short tests, short reports, discussions in the class (40% in total).

4. Textbook and Reference

Textbook

Handouts will be distributed.

Reference

The reference materials will be indicated in the class.

5. Requirements(Assignments)

To read news papers carefully everyday will be helpful.

6. Note

7. Schedule

- [1] Orientation
- [2] Recent trends of passenger and freight transportation in Japan
- [3] Recent trends of road transportation in Japan
- [4] Recent trends of railroad transportation in Japan
- [5] Recent trends of marine transportation and air transportation in Japan
- [6] Challenges of Japanese railroad (1): From Tsubame Super-express to Shinkansen
- [7] Challenges of Japanese railroad (2): The "Discover Japan" project and destination campaigns
- [8] Challenges of Japanese railroad (3): Development of the Shinkansen network
- [9] Midterm exam
- [10] Development of urban transportation (1): From streetcar networks to subway networks
- [11] Development of urban transportation (2): The Tokyo Olympic Game and the construction of urban transportation infrastructures
- [12] Development of urban transportation (3): The Sapporo Olympic Game and the construction of urban transportation infrastructures
- [13] Development of urban transportation (4): Developments of local cities and the rehabilitation of streetcar system: the Case of Toyama
- [14] Development of urban transportation (5): Developments of local cities and the LRT system: the Case of Utsunomiya
- [15] Conclusion