

City and Transport System Planning

4 units (selection)

Hideo Yamanaka · PROFESSOR / PLANNING AND DESIGN SYSTEMS ENGINEERING FOR INFRASTRUCTURES, CIVIL AND ENVIRONMENTAL ENGINEERING, INTELLIGENT STRUCTURES AND MECHANICS SYSTEMS ENGINEERING

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Target Advanced course on concept and case study of social and public policies on urban, regional and transport planning. Study on contents and usage of measures on such planing fields.

Outline Lectures on Systems approaches on city planning and transport planning, theories and usage of planning models and planning methods. A unit is consisted of three hours llecture and an hour training.

Style Lecture and excercise

Keyword *city planning, transport planning, GIS*

Fundamental Lecture “Urban & Transport Planning”(1.0), “Project Evaluation Methods for Infrastructure Planning”(1.0)

Relational Lecture “都市・地域計画論”(0.5), “Infrastructure Planning”(0.5)

Goal

1. Understanding of problems and recent strategies on city and transport planning
2. Understanding of concensus buidling method for developing city and transport strategies

Schedule

1. Problems of City and Transport Systems 1
2. Problems of City and Transport Systems 2
3. Recent Planning Strategies of City and Transport System 1
4. Recent Planning Strategies of City and Transport System 2
5. Recent Planning Strategies of City and Transport System 3
6. Recent Planning Strategies of City and Transport System 4
7. Debate by gropus on transport strategies
8. City and Regional Planning 1
9. City and Regional Planning 2
10. City and Regional Planning 3
11. City and Regional Planning 4
12. Introduction of GIS
13. Practice on GIS for City and Transportation Planning 1
14. Practice on GIS for City and Transportation Planning 2
15. Practice on GIS for City and Transportation Planning 3

Evaluation Criteria Achievement level of the each target is evaluated by the submitted essays and reports. Score of 60points or over is required to clear the target. Students are required to clearr the both of targets. Total score is average of the scores of two targets.

Textbook Textbook is ibtroduced in the class. Realted documents is distributed to students.

Contents <http://cms.db.tokushima-u.ac.jp/cgi-bin/toURL?EID=216796>

Student Able to be taken by student of other department

Contact

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