

CRP 111 INTRODUCTION TO CITY AND PLANNING

Course Code:	1210111
METU Credit (Theoretical-Laboratory hours/week):	3(3-0)
ECTS Credit:	4.0
Department:	City Planning
Language of Instruction:	English
Level of Study:	Undergraduate
Course Coordinator:	Dr. Zeki Kamil ÜLKENLİ
Offered Semester:	Fall Semesters

Course Objective

This course covers huge amount of data about City and Regional Planning. As it is the first theoretical professional lecture, it is natural to deal with almost all headings in Planning literacy. Therefore, there is no unique book to follow but reading the given articles are crucially important. In this lecture, we will discuss mainly; the City and the Planning with its own terminology.

Of course, the theoretical discussions will also cover the dominant forces, which are very impressive to generate and shape the urban environment. It means, the urban issues and the internal structure of urban areas will be our essential subjects in the urban, urbanization and the planning process which is and has to be always optimistic and future oriented. It can be claimed that you'll be stepping ahead to become an Urban Oracle...

Reading suggestions will be made as we go along. Students are expected to read any source on city and planning and formulate relevant questions for discussion in class. Because one of the aims of this lecture is to have a concentrated view on Urban aspect, you are also expected to develop a special and spatial viewpoint regarding the Cities as "designers" different than "dolmuş" drivers or the fellows of "Ulus merkez kiraathanesi" or "man on the street", who (all of them) have an idea about the concept and it may be true on the other hand; so, don't worry.

Weekly Program

1. ORGANIZATIONAL MEETING

- *General discussion on the scope and nature of urban problems and the importance of City Planning as a profession.*
- *City planning practice in Turkey. What is your theoretical difference and what does it have to be when compared with the ordinary Turkish man on the street?*
- *Brief description of the lecture.*
- *Requirements: Mid Term exams (1 or 2), Homework Papers (1 or 2), Final Exam (1). Attendance and participation in class discussions are important.*
- *The use of internet and library*

2. LETS BEGIN;

- *Different problem solving approaches in architecture, engineering and city planning, what about urban design?*
- *Qualitative and quantitative aspects of urban environment, the perception*
- *Visual and physical issues*

3. WHAT IS CITY?

- *Different definitions: population size, social and cultural aspects, economic relations, physical characteristics, administrative considerations.*
- *Urban vs. Rural*
- *Rural - Urban continuum*

4. WHAT IS PLANNING?

- *Planning; as problem solving, (process) so,*
- *What are the types of urban problems?*
- *Solving urban problems; why? How? For whom?*
- *Planning; as a science? An art? Technology?*
- *The difference between “urban studies” and “urban planning”.*
- *Urban design.*

5. HOW and WHY DID FIRST HUMAN SETTLEMENTS APPEAR? And HOW DID FIRST CITIES EMERGE? (A summary)

- *Hunting and gathering, protection and security, the role of trading,*
- *Social and economic relations in pre-agricultural and early agrarian settlements*
- *The agricultural surplus*

6. WHAT ARE THE DIFFERENT TYPES OF CITIES? And WHAT IS URBANIZATION? (a summary and introduction to the terminology)

- *Various classifications in literature: cities by geographic location, dominant function, population size, physical shape, etc.*
- *Rank Size Rule, Hierarchy of Settlements*
- *Rank Size Rule, primacy*
- *Hinterland, Market Area*
- *Central Place Theory, Regional settlement patterns*
- *General Aspects of urbanization*
- *Social and Cultural Aspects of urbanization*
- *Economic and physical Aspects*
- *Processes of urbanization, the developed, developing, and 3rd world countries*
- *Urbanization in Turkey: An overview*
- *Historical overview of the growth and decline of cities in importance and related;*
 - ⤴ *Urban economy; employment patterns, occupational structure*
 - ⤴ *Urban economy; specialization, location quotient*
 - ⤴ *Basic, non-basic activities*
 - ⤴ *Growth vs. Development, Regional development*
 - ⤴ *Urban growth poles, regional centers, national and regional urban development strategies*
 - ⤴ *Metropolitan growth, parasitic and generative city concepts*

7. URBAN MACRO-FORM, WHAT IS IT?

- *Setting of cities; location, site and situation*
- *City shape; circular, linear, satellite, star finger, composite etc.*
- *City center; mono-centric, poly-centric (dual), center hierarchy*
- *Transportation network, organic, radial, grid, corridor, composite*
- *Dominant direction and form of growth,*
- *Satellites, suburbia*

8. WHAT ARE THE DIFFERENT TYPES OF URBAN LAND USE?

- *Urban activity structure and urban land use*
- *Land use patterns; concentric zone, sector and multiple nuclei models*
- *Changes in land use patterns, urban ecology, invasion - succession, concentration - dispersion, segregation*
- *Urban land use patterns in developed and developing countries*
- *Urban land use planning and management, i.e.; depression zones*

9. WHAT IS URBAN LAND?

- *Agricultural vs. urban land*
- *Land values*
- *Urban land speculation*
- *Supply of urban land*
- *Taxation,*

10. THE MALL (AVM) PSEUDO-CULTURE

11. WHAT IS CENTRAL BUSINESS DISTRICT?

- *Hierarchy of urban centers*
- *Centrality, accessibility*
- *CBD*
- *Form and direction of growth of CBD*
- *Planning the CBD*

12. THE URBAN RESIDENTIAL AREAS

- *types of residential areas; planned districts, squatters, slums, suburbs, historical quarters*
- *social groups and patterns of physical transformations*
- *the housing stock*
- *squatters and planning policies*

13. THE URBAN INDUSTRIAL AREAS

- *Urban industrial location*
- *Organized industrial districts*
- *Small industrial sites*
- *Industrial area planning*

14. NATURAL ENVIRONMENT and THE CITY

- *City; an integrated system of man and environment*

- *City; an open system*
- *Geographical and topographical settings of city*
- *Climate*
- *Green areas*
- *Planning with nature*

15. URBAN TRANSPORTATION

- *urban activities and traffic generation; origin - destination, commuting, peak-hour traffic, traffic jam*
- *accessibility factor and land values*
- *modes of movement, route capacity*
- *pedestrian movement*
- *motor traffic; through and urban by-pass*
- *hierarchy of roads*
- *public transport vs. Private transport*
- *parking*
- *urban transportation planning*

16. URBAN TECHNICAL INFRASTRUCTURE

- *urban water demand and supply*
- *urban sewerage and rain drainage systems*
- *electrical power systems*
- *city dumps, fuel and coal storage*
- *technical infrastructure and urban macroform*

17. URBAN ADMINISTRATION AND OTHER ACTORS IN THE PLANNING AND DEVELOPMENT PROCESS OF THE METROPOLISES. (ministry of tourism, land office, treasury, TOKI)

Grading

Your attendance and attention will be evaluated with the mid-term(s), one or two homework(s) (paper) and final. Please read, first the written materials and use the library; use the internet but never forget; wikipedia is to be carefully used; not to be believed!

Learning Outcomes

Reference Material