

CRP503 Urban and Regional Land Use

Course Syllabus Instructor: Dr. Ali S. Al-Naser

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Office Hours: Sun. Tues. 1:00PM to 4:00 PM & by appointment

Introduction:

This course will cover the following major components: History and definition of land use planning. The concept of policy, programming, and planning. Determinants and systems guiding land use development. Socio-economic development and land use. Space requirements, spatial distribution and localization concepts. Land use planning models. Procedures for formal land use plans.

Course Objectives:

To teach the students the theoretical aspects of the different urban and regional land use components. To give the students different techniques of applying these components to the urban and regional areas. To integrate all components using simulated computer model(s) or software to test the roles of those different components in the overall urban and regional land use. .

Text book:

Edward Kaiser, David Godschalk, and F. Stuart Chapin, Jr. Urban Land Use Planning, University of Illinois Press, Chicago, 1995.

Evaluation:

Mid-term examination	25%
Final Project	35%
Final Examination	30%
Attendance and minor projects	10%

Final Project:

Use any of the existing Geographic Information Systems (GIS) software in developing a land use classification and analysis for specific urban or regional area. This project should show the endless help of the computer in collecting and analyzing the data to the planners and policy makers.

Course Outline:

Week 1: Chapter 1: The planning Arena

Chapter 2: Concepts of Land use change
management

Week 2: Chapter 3: A local government land use planning
program **Week 3:** Chapter 4: Planning information systems

Week 4: Chapter 5: Population

Week 5: Chapter 6: The economy **Week 6:**
Chapter 7: Environment Chapter 8: Land use

Week 7: Mid-term examination
Chapter 9: Infrastructure and community facilities

Week 8: Chapter 10: Direction-setting

Week 9: Chapter 11: Overview of the land use design process

Week 10: Chapter 12: Land classification planning

Week 11: Chapter 13: Commercial and employment centers

Week 12: Chapter 14: Residential areas

Week 13: Chapter 15: Integrating community facilities with
land use **Week 14:**

Chapter 16: Development management planning
Week 15: Projects final presentation and review Projects
submission