



Urban Economics ECP 6614

- I. Introduction to Urban Economics
 - A. Nature and Focus of Urban Economics
 - B. Importance of Urban Economics
 - C. The Focus of the Course
 - D. A Note on Methodology

- II. Trends in U.S. Urbanization and Suburbanization
 - A. Defining Urban Areas
 - B. Urbanization
 - C. Suburbanization

- III. Basic Theory of Urban Household Behavior: Centralized Employment
 - A. Definitions and Assumptions
 - B. Household Equilibrium
 - C. Comparative Statics
 - D. A Note on Empirical Studies

- IV. Time and the Value of Time in the Theory of Urban Household Behavior
 - A. Adding Leisure Choice to the Basic Model
 - B. The of Time in the Theory of Urban Household Behavior
 - C. Implications for Patterns of Location
 - D. Muth's Treatment of the Value of Time

- V. Theory of Urban Household Behavior: Local Employment
 - A. Definitions and Assumptions
 - B. Household Equilibrium
 - C. Comparative Statics

- VI. Some Additional Extensions of the Basic Theory
 - A. Variable Number of CBD Trips
 - B. Preference for Location
 - C. Environmental Quality
 - D. Differential Accessibility
 - E. Multiple Centers of Employment

- VII. Theory of the Urban Firm
 - A. Introduction
 - B. Definitions and Assumptions

- C. Equilibrium of the Urban Firm
 - D. Comparative Statics
- VIII. Analytical Models of Urban Spatial Structure
- A. Introduction to Analytical Models
 - B. Consumption Sector
 - C. Production Sector
 - D. Completing the Model
 - E. Solution of the Model in the Open-City and Closed-City Versions
 - F. Comparative Static Analysis: Closed-City Model
 - G. Comparative Static Analysis: Open-City Model
 - H. Interpretation of Closed-City and Open-City Models as Short-Run and Long-Run Adjustments
- IX. Simulation Models of Urban Spatial Structure
- A. Introduction
 - B. Mills-Muth Simulation Model
- X. Empirical Assessment and New Developments
- A. Empirical Assessment
 - B. New Developments

Regional Economics

ECP 6624

- I. Introduction to Regional Economics
- II. Location of Individual Producer: Locational Independence
- A. Cost-Minimizing Location on a Line
 - B. The Cost-Minimizing Location on a Plane (Weberian Location Theory)
 - C. Extensions to Modern Production Theory and Profit Maximization
 - D. Extensions to Variable Transport Rates, Modal Interchange, and Nature of the Route System
- III. Interdependent Firm Location: Dispersive Forces
- IV. Interdependent Firm Location: Cohesive Forces
- V. Central Place Theory and the Urban Hierarchy
- A. Christaller, Lösch, and the Rank-Size Rule
 - B. Modern Treatments
- VI. The Spatial Structure of the Urban Economy

- VII. Regional Economic Growth and Impact Analysis: Demand-Side Theory
 - A. Economic Base Model
 - B. Keynesian Model
 - C. Input-Output Model

- VIII. Regional Economic Growth: Supply-Side Theory

- IX. Policy Analysis