

Exams:

The two midterms will be given in the evening as:

FIRST MIDTERM: Monday 25 Sept 7:00 p.m. - 8:40 p.m.
in TBA

SECOND MIDTERM: Monday 6 Nov 7:00 p.m. - 9:00 p.m.
in TBA

The final exam will be held as:

FINAL: Saturday 16 Dec 4:30 p.m. - 7:00 p.m.
in HLMS 267

You must bring two blue-books to each exam.

Because this is a 4000-level class, the exams will not just repeat material covered in class. Some questions will follow the material covered in class and in the problem sets, but some will ask you to apply the material in a different environment.

Failure to be present at an exam:

If you are unable to take an exam because of illness: You must get a medical note from a doctor to confirm your inability to take the exam *and* advise me of your inability *before* the exam. In this case you may take a make-up. Otherwise, unless you have obtained my prior permission to take the make-up, failure to be present for an exam will cause your score to be 0 for that exam.

Using Clickers:

I consider it cheating if a student uses another student's clicker.

You get a green light when your answer is registered. If you get a red light, your clicker is not registering and your score is automatically zero.

Classroom courtesy:

Please turn your cell 'phone off prior to the start of class.

I believe that learning is enhanced if there is full concentration by both the instructor and the student. To facilitate this, laptops may only be used in the front two rows of the classroom and usage of laptops in class is restricted to following the course notes.

Accommodation for Disabilities:

If you qualify for accommodations because of a disability, please submit your accommodation letter from Disability

COURSE OUTLINE

<u>Approximate Date</u>	<u>Topic</u>	<u>Chapter</u>
1. INTRODUCTION		
28, 30 Aug	INTRODUCTION Fundamental Questions of Urban Economics The need for a model Descriptions of urban areas “Five Axioms of Urban Economics” Discussion of regression analysis - the hedonic regression of house prices	1
*1 Sept	Kain, J., and J. Quigley, (1970), “Measuring the value of housing quality,” <i>Journal of American Statistical Association</i> <u>65</u> , 532-548.	
2. FORMATION OF CITIES		
6, 8, 11 13 Sept	EXISTENCE OF CITIES The importance of returns to scale - trade cities - factory cities - resource cities <i>Problem Set: Base Case</i> <i>Problem Set: Trade Cities: Normative</i> <i>Problem Set: Trade Cities</i> <i>Problem Set: Factory Cities 1</i> <i>Problem Set: Factory Cities 2</i> <i>Problem Set: Resource Processing Cities 1</i> <i>Problem Set: Resource Processing Cities 2</i>	2
3. CLUSTERING IN CITIES		
15,18,20 Sept	WHY FIRMS CLUSTER Why firms cluster - input sharing -knowledge spillovers	3

4. METROPOLITAN POPULATION AND JOBS

27, 29 Sept	<p>POPULATION SIZE</p> <p>Jobs</p> <p>Standard of Living Model</p> <p>- Equilibrium City Size</p> <p>Limiting Growth</p> <p>- urban growth boundary</p> <p>- limiting building permits</p> <p>- development fees</p> <p><i>Problem Set: Equilibrium City Population</i></p> <p><i>Problem Set: Urban Growth Boundary</i></p>	<p>4</p> <p>pp. 239-247</p>
-------------	--	-----------------------------

2, 4, 6 Oct	<p>URBAN GROWTH</p> <p>Role of human capital</p> <p>Urban growth</p> <p>Employment multiplier</p>	<p>(omit Appendix)</p>
*9 Oct	<p>Helms, L.J., (1985), “The effect of state and local taxes on economic growth: a time-series cross-section approach,” <i>Review of Economics and Statistics</i> <u>67</u>, 574-582.</p> <p><i>Problem Set: Spreading beneficial effects</i></p> <p><i>Problem Set: Metropolitan Development Policy</i></p>	

5. LAND PRICES AND LAND USE PATTERN

11, 13, 16, 18 Oct	<p>BID-RENT CURVES</p> <p>Capitalization</p> <p>“Left-over principle”</p> <p>“bid-rent for agriculture”</p>	<p>6</p> <p>(omit pp. 141-142, 156-160)</p>
-----------------------	---	---

Problem Set: Office Travel Costs
Problem Set: Office Bid-Rent With No Production Substitution
Problem Set: Residential Bid-Rent With No Consumption Substitution
Problem Set: Using Bid-Rent Curves

20, 23 Oct BUILDING-UP AND SQUEEZING: pp 141-142, 16-160
 SKYSCRAPER OFFICES, HIGH-RISE APARTMENTS,
 TOWNHOUSES AND APARTMENT COMPLEXES
 Substitution construction
 Substitution in the consumption of housing

Problem Set: Skyscraper Offices: Graphical
Problem Set: Skyscraper Offices: Algebra
Problem Set: Residential Bid-Rent: High Rise Apts. and Townhouses

25, 27 Oct MONOCENTRIC CITY 7
 Monocentric city (pp. 161-181,
 "Edge Cities" 193-195, 198-201)

LAND-USE POLICY
 Policy: land-use zoning 9
 Open Space (pp. 230-239)
 Urban sprawl pp. 181-189

Problem Set: Zoning Land as "For Agricultural Use Only."

*30 Oct Kahn, M., (2000), "The environmental impact of suburbanization,"
Journal of Policy Analysis and Management 19, 569-586

6. MAKE-UP OF COMMUNITIES/NEIGHBORHOODS

1, 3 Nov SORTING 8
 Income sorting also rō also r` alncome }e • PÇ6ñ

8. MASS TRANSIT

6, 8 Dec	Ridership sensitivity System choice Subsidies	11
*11 Dec	Bollinger, C.R., and K.R. Ihlanfeldt, (1997), "The impact of rapid rail transit on economic development: the case of Atlanta's MARTA," <i>Journal of Urban Economics</i> <u>42</u> , 179-204. <i>Problem Set : Ridership Sensitivity</i>	
13 Dec	Review	
16 Dec	FINAL EXAM (4:30 - 7:00 p.m. in HLMS 267)	