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

affiliation or political philosophy. Individuals who believe they have been subject to misconduct under either policy should contact the Office of Institutional Equity and Compliance (OIEC) at 303-492-2127. Information about the OIEC, the above referenced policies, and the campus resources available to assist individuals regarding sexual misconduct, discrimination, harassment or related retaliation can be found at the OIEC website.

Honor Code:

All students enrolled in a University of Colorado Boulder course are responsible for knowing and adhering to the academic integrity policy. Violations of the policy may include: plagiarism, cheating, fabrication, lying, bribery, threat, unauthorized access to academic materials, clicker fraud, resubmission, and aiding academic dishonesty. All inci&ÆRFò76—7B–æF—f–GVÇ0

COURSE OUTLINE

Approximate 1	<u>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	2
	Problem Set: Base Case Problem Set: Trade Cities: Normative Problem Set: Trade Cities Problem Set: Factory Cities 1 Problem Set: Factory Cities 2 Problem Set: Resource Processing Cities 1 Problem Set: Resource Processing Cities 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 POPULATION SIZE

4

Jobs

Standard of Living Model
- Equilibrium City Size

Limiting Growth pp. 239-247

urban growth boundarylimiting building permits

- development fees

Problem Set: Equilibrium City Population Problem Set: Urban Growth Boundary

2, 4, 6 Oct URBAN GROWTH

Role of human capital (omit Appendix)

Urban growth

Employment multiplier

*9 Oct Helms, L.J., (1985), "The effect of state and local taxes on economic growth:

a time-series cross-section approach," Review of Economics and

Statistics 67, 574-582.

Problem Set: Spreading beneficial effects

Problem Set: Metropolitan Development Policy

5. LAND PRICES AND LAND USE PATTERN

11, 13, 16, BID-RENT CURVES

18 Oct Capitalization (omit pp. 141-142, 156-160)

"Left-over principle"

"ÀLOBÀ±D\" - bid-rent for aoblm5\delta\epsilon\epsilon="\operational" a8A ial a8A ial a8A ial a8A ial a8A ial a8A

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

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8. MASS TRANSIT

6, 8 Dec Ridership sensitivity 11

System choice Subsidies

*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,"

Journal of Urban Economics 42, 179-204.

Problem Set: Ridership Sensitivity

13 Dec Review

16 Dec FINAL EXAM (4:30 - 7:00 p.m. in HLMS 267)