Attendance at class:

Woody Allen once remarked: "90% of life is just turning up". The best way to learn the material is to attend class. Reading the lecture notes posted on the web is not a good substitute for attendance. Attendance at class is expected and required.

Administrative Drop:

Because attendance is important and is expected, I will drop from the class any student who neither attends one the first three classes of the term nor gets special permission from me for his/her absence.

Problem Sets:

Problem sets with answers are listed under each topic on the syllabus. The problem sets are an integral part of the course. They are designed to help you use the material and a significant part of the exams will closely follow their format.

Although the answers to the problem sets are posted, I encourage you to make a real effort to solve the problem before you check the answer.

There are many questions at the end of each chapter in the textbook. I encourage you to work through the questions which rlate to the material covered in class (I will post a list of these questions on Desire2Learn).

Grading:

There will be two midterms, a final exam, in-class clicker questions and paper summaries. Your grade will be determined as:

25%	First Midterm
30%	Second Midterm
30%	Final
8%	In-class clicker questions.
7%	Paper summaries

Concerning in-class clicker questions. I will use clicker questions to reinforce the main point of a lecture. Each correct answer will receive 1 point and an absence or an incorrect answer will receive zero points. In calculating your total score for all in-class clicker questions, I will sum your scores for all days, omitting your three lowest daily scores.

Concerning the paper summaries. One of the objectives of this course is to

or by email at: dsinfo@colorado.edu

If you have a temporary medical condition or injury, please see the guidelines at Temporary Medical Conditions: Injuries, Surgrries and Illnesses under Quick Links at Disability Services website and discuss your needs with me.

Disability Services' letters for students with disabilities indicate legally mandated reasonable accommodations. Answers to Frequently Asked Questions can be found at: http://ww.colorado.edu/disabilityservices .

Religious Observances:

Campus policy regarding religious observances requires that faculty make every effort to reasonably and fairly deal with all students who, because of religious obligations, have dˆF…wVÇ@st@PHÖö&Æ–p

academic sanctions (including but not limited to university probation, suspension, or expulsion). Other information on the Honor Code can be found at: http://www.colorado.edu/policies/honor.html and at http://www.colorado.edu/academics/honorcode/

Discrimination and Harassment Policy:

The University of Colorado at Boulder is committed to maintaining a positive learning, working, and living environment. The University of Colorado does not

COURSE OUTLINE

Date	_Topic_	_Chapter_

1. INTRODUCTION

| 25, 27 Aug | INTRODUCTION | 1 |

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

*29 Aug   Kain, J., and J. Quigley, (1970), "Measuring the value of housing quality," _Journal of American Statistical Association_ <u>65</u>, 532-548.

2. THE REASON FOR CITIES

| 3, 5, 8 Sept | THE EXISTENCE OF CITIES | 2 |

The importance of returns to scale
Trade, factory and resource cities

Problem Set: Trade Cities
Problem Set: Factory Cities 1
Problem Set: Factory Cities 2
Problem Set: Resource Cities

| 10, 12 Sept | THE EXISTENCE OF CITIES: CLUSTERING | 3 |

Why firms cluster
- localization economies
- urbanization economics
Why households cluster

*15 Sept   Carlton, D.W., (1983), "The location and employment choices of new firms: an econometric model with discrete and continuous endogenous variables," _Review of Economics and Statistics_ 65, 440-449.

Problem Set: Input Sharing
Problem Set: Labor Pooling
Problem Set: Social Matching

3. METROPOLITAN POPULATION AND JOBS

17, 19 Sept	POPULATION SIZE	4
	Rank-Population Rule	
	Central Place Theory	
	Optimal City Size	
	Equilibrium City Size	pp. 239-247
	Limiting Growth	

- urban growth boundary
- limiting building permits
- development fees

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

22 Sept   Review
FIRST MIDTERM (7-9pm in EDUC 220)

24,26,29 Sept URBAN GROWTH
1 Oct   Role of human capital   (omit Appendix)
Urban growth
Employment multiplier

*3 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

4. LAND USE PATTERN

6, 8, 10, 13	BID-RENT CURVES	6
15, 17 Oct	Capitalization	

"Left-over principle"
Bid-rent for agriculture
Bid-rent for manufacturing firms
Bid-rent for offices
- substitution into higher buildings
Bid rent for households
- substitution into apartments
Bid-rent curves and land-use patterns

Problem Set: Factory Bid-Rent
Problem Set: Office Travel Costs
Problem Set: Office Bid-Rent
Problem Set: Residential Bid-Rent
Problem Set: Using Bid-Rent Curves

20, 22 Oct   MONOCENTRIC CITY   7
              Monocentric city   (omit pp. 195-197)
              "Edge Cities"

              LAND-USE POLI