

Course Number	USP 570/CE 510/610
Title	Transportation and Land Use
Section	01
CRN(s)	64438
Credits	3
Prerequisite(s)	Recommended - USP 515, 544
Days/Time	Th 9-11:50
Location	315A EB
Final Exam Day/Time	June 14, 2012

Course Website **<http://www.kellyjclifton.com>**

Instructor	Dr. Kelly J Clifton
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Office Hours	By appointment
Mailbox Location	CEE Office, EB 200 Suite

Required Text or Other Materials: No required text; Readings available at <http://www.kellyjclifton.com/>

Course Description

This course will discuss the various theories regarding the linkages between transportation investments, "land use", and travel behavior and the policy approaches used to address urban decentralization, congestion and automobile dependence. By the end of the course, students should:

- Understand the theories behind transportation and land use interactions, including accessibility, urban structure, and location theory
- Understand the impacts of transportation infrastructure on land use and the impacts of land use and the built environment on travel patterns;
- Be able to critically evaluate policies aimed to influence transportation and land use jointly; and

- Know about various policy instruments that aim to influence travel through land use or land use through transportation infrastructure.

Course Requirements

Class Participation (10%)

Students are expected to actively engage in the class. This includes regular attendance, asking questions, providing examples and commentary, and contributing to the intellectual environment of the classroom. "Satisfactory" participation means that you attend class regularly, pay attention, and ask questions. "Excellent" class participation means that you make an original contribution, such as sharing examples that relate to the topics covered in class and expanding the discussion.

Policy Memos (3 @ 20% each)

During the quarter, students are expected to comment on two pre-defined policy issues/problems. The memos are brief – 3 to 4 page documents - that provide a succinct summary of the issue(s) at hand, propose a policy solution or approach, and its limitations. These memos will draw upon lessons learned from the course readings/lectures as well as additional outside resources.

Final Exam (30%)

There will be an in-class exam given on the scheduled date. It will be closed book and cover the entirety of the material, readings, and discussion covered in class.

Late policy: Unless prior arrangements have been made, assignments submitted after the due date will receive an 8% deduction per day late on the assignment grade.

Plagiarism will not be tolerated. All work must be original and contributions from other authors must be appropriately cited. Consult appropriate writing references should you have doubts about appropriate

Schedule

Week	Topic
1 04/05/12	Introduction Class logistics; Overview
2 04/12/12	The role of theory and history: economics, geography, and behavior Economics, geography, and behavioral theories; history of urban development
3 04/19/12	Scale: Nations: US and International Examples US Federal policies to link transportation and land use, HUD-EPA-DOT
4 04/26/12	Scale: States Concurrency/Adequate Public Facilities Ordinances/Pricing
5 05/03/12	Scale: Regions and mega-regions MPO planning, the Portland exception, econ dev, jobs housing balance
6 05/10/12	Scale: Urban transportation and land use policy Site planning/ITE trip rates; Parking; TODs; Corridors and Centers
7 05/17/12	Scale: Urban transportation and land use policy Pedestrian and Bicycle Supportive Development, Physical Activity, Urban Design
8 05/24/12	Scale: Scale: Urban transportation and land use policy Incenting household location decisions: Payroll taxes, LNYW, LEMs, Car Sharing
9 05/31/12	Integrated modeling From PEF to Metroscope to SWIM 2 and beyond...
10 06/07/12	Course Wrap Up Group discussion: Where to we go next? Research gaps? Policy gaps? Opportunities?
11 06/14/12	Final exam