Urban and Regional Planning 5711 introduces you to the culture, institutions, and practice of transportation planning. During this course, you will learn about the roles of transportation planners and planning analysis in the transportation decision-making process. We will discuss the evolution of the transportation system, including its associated institutions. We will also introduce several analytical techniques used to examine the transportation system and evaluate transportation projects. And, we will explore the roles of institutions and politics in transportation decision-making.

We will examine a number of important topics in transportation planning, including: transportation finance, traffic congestion, public transit, and intercity transportation. Because the course is structured as an introduction to transportation planning, there is no prerequisite for taking this class.

**Course Objectives**

By the end of the course, you will understand the roles of planners in transportation policy and planning decision-making. You will learn some of the techniques used by transportation planners to inform policy decisions. You will also learn about the importance of institutions and market forces in transportation policy and planning.

By the end of the course, you will have a better understanding of the central issues in transportation policy and planning, the techniques we use to make policy decisions involving these issues, and the real opportunities and limits for transportation planners to undertake significant policy/planning change.
Course Materials

There are two required textbooks for this course. The required texts are available at both Bill’s Bookstore and the FSU bookstore, and are listed below:


Additional reading material will be posted on the class Blackboard site, as noted.

Course Requirements

You are expected to read all the assigned readings prior to attending each class and to participate actively in all class discussions. Failure to participate will negatively affect your course grade.

Assignments
You must complete three of the seven assignments discussed in the assignments handout. Each assignment is worth 16 percent of your course grade. Please see additional details on the handout.

Term Paper
You must complete a term paper for this course. This term paper is worth 48 percent of your course grade. Please see additional details in the term paper handout.

Participation
You are required to be an active participant in all class discussions. Participation counts for 4 percent of the course grade.

Grade Scheme

<table>
<thead>
<tr>
<th>Percentage</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>96% and above</td>
<td>A</td>
</tr>
<tr>
<td>91% - 95.9%</td>
<td>A-</td>
</tr>
<tr>
<td>87% - 90.9%</td>
<td>B+</td>
</tr>
<tr>
<td>84% - 86.9%</td>
<td>B</td>
</tr>
<tr>
<td>80% - 83.9%</td>
<td>B-</td>
</tr>
<tr>
<td>76% - 79.9%</td>
<td>C+</td>
</tr>
<tr>
<td>73% - 75.9%</td>
<td>C</td>
</tr>
<tr>
<td>70% - 72.9%</td>
<td>C-</td>
</tr>
<tr>
<td>66% - 69.9%</td>
<td>D+</td>
</tr>
</tbody>
</table>

Revised 6/208
Course Policies

Fairness
It is unfair to other students in the class for you to ask for a deadline extension except when justified by extenuating circumstances. Late papers will be assessed a five points per day late penalty.

Readings
You are expected to complete the assigned readings prior to attending class. Failure to do so makes it difficult for you to understand the materials presented in the lecture or to fully participate in class discussions.

Attendance
Attendance at all classes and lab sessions is mandatory. Unexcused tardiness or early departure from class will be recorded as absence. Unless approved by the instructor ahead of time, all absences will be unexcused. Three unexcused absences will result in the loss of a letter grade in the class. Five unexcused absences will result in failure of the course. The following absences are eligible to be excused: documented illness, deaths in the immediate family and other documented crises, call to active military duty or jury duty, religious holy days, and official University activities. Consideration will also be given to students whose dependent children experience serious illness. While one is not penalized per se for excused absences, s/he is nevertheless responsible for all content missed, including any assignments, knowledge, or skills covered or assigned.

Collaboration
You are encouraged to discuss material covered in class lectures, readings, and the computer lab with your fellow students. But all work you complete for class assignments are required to be solely your own work. Evidence of excessive collaboration will be dealt with in accordance with the university rules regarding academic dishonesty.

Americans with Disabilities Act
Students with disabilities needing academic accommodation should: (1) register with and provide documentation to the Student Disability Resource Center; and (2) bring a letter to the instructor indicating the need for accommodation and what type. This should be done during the first week of class. This syllabus and other class materials are available in alternative format upon request. For more information about services available to FSU students with disabilities, contact the:

Student Disability Resource Center
874 Traditions Way
108 Student Services Building
Florida State University
Tallahassee, FL 32306-4167
(850) 644-9566 (voice)
Academic Honor Policy
The Florida State University Academic Honor Policy outlines the University’s expectations for the integrity of students’ academic work, the procedures for resolving alleged violations of those expectations, and the rights and responsibilities of students and faculty members throughout the process. Students are responsible for reading the Academic Honor Policy and for living up to their pledge to “... be honest and truthful and ... [to] strive for personal and institutional integrity at Florida State University.” (Florida State University Academic Honor Policy, found at http://dof.fsu.edu/honorpolicy.htm.)

Violations of the Academic Honor Policy will not be tolerated in this class.

Class Schedule  Revised 6/2/2008
Note: This schedule is subject to revision, based on class needs.

Required readings are listed first. Required readings are contained in the textbooks, in the DURP reading room, or on Blackboard. I have also listed additional readings that you may wish to consult if you are interested in reading more about a particular topic.

Topic 1: Course Introduction: Transportation By the Numbers
There are no required readings on this topic.

Additional Readings:


Topic 2: Transportation Development and Institutional Change (1790-1900)

Required Readings:
Additional Readings:


Topic 3: The Evolving Federal Role in Transportation (1893-1955)
Required Readings:

Additional Readings:


Topic 4: The 1956 Federal-Aid Highway Act and Its Legacy: Finance and Institutions
Required Readings


Wachs, Martin. 2003. “Improving Efficiency and Equity in Transportation Finance.” Brookings Institution Series on Transportation Reform. (Blackboard)
Additional Readings:


Poole, Robert. 1996. Defederalizing Transportation Funding. Reason Foundation Policy Study No. 216.


Topic 5: The Development and Evolution of Urban Transportation Planning

Required Readings:


More Readings:


**Topic 6: Three Cs, ISTEA, TEA-21, and SAFETEA-LU: The Evolution of Modern Federal Transportation Policy (1956-2006)**


**Additional Readings:**


**Topic 7: Politics Rears Its Head!**

**Required Readings:**


**Additional Readings:**


Topic 8: Accessibility versus Mobility

**Required Readings:**


Litman, Todd. 2003. “Measuring Transportation: Traffic, Mobility, and Accessibility.” Victoria Transportation Policy Institute. (Blackboard)

**Additional Readings:**


Topic 9: Modern Transportation Planning: The Role of the MPO

**Required Readings:**


Topic 10: Transp. Planning Techniques: The Short Course

Overview and Four-Step Model: Required Readings


Additional Conversation: Required Readings


Additional Readings:


Topic 11: Public Transportation: An Overview

Required Readings:


Additional Readings:


**Topic 12: Public Transit Planning**

*Required Readings:*
- Excerpts from *Demand for Public Transport Report*.  *(Blackboard)*

*Additional Readings:*

**Topic 13: Transit in Non-traditional Places: Challenging the Conventional Wisdom**

*Required Readings:*
- Thompson, Gregory and Jeffrey Brown. 2006. “Explaining Variation in Transit Ridership Change in U.S. Metropolitan Areas Between 1990 and
(Blackboard)

(Blackboard)

*Additional Readings:*


**Topic 14. Freight Transportation**  
*Overview, Regulation and Deregulation: Required Readings*

(Reading Room)

(Reading Room)

*The Effects of Globalization: Required Readings*

(Textbook)

Two Additional Articles to be distributed to the class.

**Topic 15. Traffic Congestion: An Overview**  
*Required Reading:*

(Textbook)

*Additional Readings*


**Topic 16. Transportation-Based Solutions to Traffic Congestion (Two Sessions)**  
*Required Reading:*

(Textbook)

*Additional Readings: Induced Demand Readings and TDM Readings*


*Additional Readings: Pricing*


Litman, Todd. London Congestion Pricing: Implications for Other Cities. VTPI. Online at vtpi.org


**Topic 17: Land Use-Related Solutions to Traffic Congestion**

**Required Readings:**


**Additional Readings:**


**Topic 18: Traffic Congestion: Policy Discussion**  
*Required Readings:*  
*Textbook*

**Topic 19: Concluding Thoughts**  
*Required Readings:*  
*Textbook*
## The Transportation Planning Process Fall 2008

### Office Hours: M,W 2-4

<table>
<thead>
<tr>
<th>Week</th>
<th>Dates</th>
<th>Lecture 1</th>
<th>Lecture 2</th>
<th>Readings</th>
<th>Assignment Due</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>8/25-8/29</td>
<td>Introduction: Transportation by the Numbers</td>
<td>Transportation Development and Institutional Change (1790-1900)</td>
<td>Thompson 2002</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>9/15-9/19</td>
<td>Three Cs, ISTEA, TEA-21, and SAFETEA-LU: The Evolution of Modern Federal Transportation Policy (1956-2006)</td>
<td>Politics Rear Its Head</td>
<td>Weiner Ch3; Weingriff Undated; Dunn Ch.1</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>9/22-9/26</td>
<td>Accessibility and Mobility</td>
<td>In-Class Peer Review of Paper Proposals</td>
<td>Hanson 2004, Muller 2004, Linman 2003; Goldman and Deakin (2000), Puentes and Bailey (2003), USDOT Book Review Due (Assignment Option 1): due September 26th 5pm</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>10/13-10/17</td>
<td>Transportation Planning Techniques: Costing (in DURP Lab)</td>
<td>Reflection on Transportation Planning Techniques</td>
<td>DeCorla-Souza Undated; Ann Arbor-Detroit Cost Materials (on Blackboard)</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>10/20-10/24</td>
<td>Public Transportation: Overview</td>
<td>Public Transportation Performance Analysis (FITs) in DURP lab</td>
<td>Pucher 2004</td>
<td>Travel Behavior Analysis (Assignment Option 3): due October 20th 5pm</td>
</tr>
<tr>
<td>12</td>
<td>11/10-11/14</td>
<td>Traffic Congestion Overview</td>
<td>Transportation-Based Solutions</td>
<td>Downs 2004 (pp.1-90, 91-151)</td>
<td>Public Transit Analysis I (Assignment Option 6): due November 14th 5pm</td>
</tr>
<tr>
<td>13</td>
<td>11/17-11/21</td>
<td>Transportation-Based Solutions</td>
<td>Land Use Based Solutions</td>
<td>Downs 2004 (pp.152-199, 200-271), Giuliani 2004</td>
<td>Public Transit Analysis II (Assignment Option 7): due November 21st at 5pm</td>
</tr>
<tr>
<td>14</td>
<td>11/24-11/28</td>
<td>Policy Discussion</td>
<td>No Class</td>
<td>Downs 2004 (pp.298-354),</td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>12/1-12/5</td>
<td>TTD</td>
<td>Concluding Thoughts</td>
<td>Giuliani and Hanson (2004)</td>
<td>Term Paper due December 5th by 5pm</td>
</tr>
</tbody>
</table>

### Finals Week 12/8-12/12