

SYLLABUS and COURSE OUTLINE
Fall Semester, 2007
UPP 563: Transportation Management
Room To Be Announced
Thursdays 6:00 to 9:00 pm
Joseph DiJohn, Urban Transportation Center (UTC)
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(312) 996-1458, joedi@uic.edu

Class	Topic	Chapters	
		<u>Course</u>	<u>Texts</u>
		<u>Outline</u>	<u>Texts</u>
Aug 30	Introduction & History	1	B 1 & 2
Sep 6	Regional Issues	2	S 5 & 7
Sep 13	Federal Legislative Issues	3	B 3 & 4
Sep 20	Presentation of Paper proposals	-	-
Sep 27	Transit Finance	4	B 14,15 & U 7
Oct 4	Customer Satisfaction & Marketing	5	B 12, U 6.6 & 6.7
Oct 11	Transit Operations	6	B 5, 9, U 6.3 & 6.4
Oct 18	Planning	7	B 8 & U 10
Oct 25	Intelligent Transportation Systems	8	B 7
Nov 1	Human Resources and Labor Relations	9	U 6.1 & 6.2
Nov 8	Urban Development & Land Use Planning	10	B 10 & V 6
Nov 15	Freight & Intermodal	11	Chap. III (USDA)
Nov 22	Thanksgiving- no class	-	-
Nov 29	Service for Persons with Disabilities	12	B 13 & U 6.5
Dec 5	TDM & Commuter Benefits	13	B 6 & 11
Dec 14	Final Paper Due	-	-

Course Texts and Readings

Black, Alan, *Urban Mass Transportation Planning*, McGraw-Hill, 1995 (out of print) (B)

American Public Transportation Association, *2006 Public Transportation Fact Book*, Washington, D.C.

Banks, James, *Introduction To Transportation Engineering*, McGraw-Hill, 1998.

Krambles, George and Peterson, Art, *CTA at 45*, George Krambles Transit Scholarship Fund, 1993.

Smerk, George, *The Federal Role in Urban Mass Transportation*, Indiana Univ. Press, 1991.

Vuchic, Vukan, *Transportation For Livable Cities*, Rutgers University, 1999. (V)

Vuchic, *Urban Transit Operations, Planning, and Economics*, John Wiley & Sons, 2005. (U)

Wiewel, Wim and Persky, Joseph, *Suburban Sprawl: Private Decisions and Public Policy*, Cleveland State University, 2002. (S)

Young, David, *Chicago Transit: An Illustrated History*, Northern Illinois University Press, 1998.

Young, David, *The Iron Horse and the Windy City*, Northern Illinois University Press, 2005.

Transportation Web Sites

American Public Transportation Association, www.apta.com

Bureau of Transportation Statistics, www.bts.dot.gov

Chicago Area Transportation Study, www.catsmpo.com

Chicago Transit Authority, www.transitchicago.com

Federal Transportation Administration, www.fta.dot.gov

Illinois Department of Transportation, www.dot.state.il.us

Metra Commuter Rail, www.metrarail.com

Pace Suburban Bus, www.pacebus.com

Regional Transportation Authority, www.rtachicago.com

Transportation Research Board, www.nationalacademies.org/trb

Urban Transportation Center, www.utc.uic.edu

Grading

Grades will be based on class assignments, attendance, class participation and a final term paper. Late assignments will be reduced one letter grade. While attendance is important, on occasion, one may have to miss class for personal reasons, such as illness, work or family. Students should call in advance of class for the absence to be excused. Weights are assigned as follows:

Classroom Assignments-	40%
Attendance & Class Participation	20 %
<u>Final Paper-</u>	<u>40%</u>
Total	100%

92 - 100 = A

83 - 91 = B

74 - 82 = C

65 - 73 = D

Below 65 = F

Final Paper

Chose a transportation topic of regional significance and submit a brief description of the topic or the research problem to be addressed, an outline of the paper and why you chose the topic. The topic should relate to a current transportation issue in the Chicago Region. Transit funding, governance, strategic planning, transit oriented development, congestion, and freight issues and their impact on the region are some categories of topics. Be prepared to submit and present the proposed paper on September 21 for approval. Once approved, the paper will be due on December 14.

The paper should be structured as a research paper and contain the following:

- Cover page with Title and Author
- Abstract or Executive Summary of not more than 150 words
- Introduction including the importance of the issue and why you have chosen it
- Statement of Research Problem or defining the problem
- Approach including a roadmap of how your paper will deal with the problem
- Analysis and a description of your research
- Summary and Conclusions
- References

The body of the paper, Introduction through Summary and Conclusions should be no less than ten single spaced pages nor more than fifteen pages.