

GEOG 605: Seminar in Applied Geography & Planning: Transportation Planning

Meeting time: M 6:00-8:50 PM

Classroom: Butte Hall 503 (501)

Instructor: Nori Sato

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Office hours: 3:00-6:00 PM (M); 8:30-9:30 AM (TR); or by appointment

Course description:

An analysis of the movement of people, goods, and information using spatial and temporal analysis, the function and distribution of the various modes of transportation and infrastructure and their historical and future role in urban and regional development. An examination of sustainability in the transport sector. Techniques of planning transportation systems based on land use, policy and technological solutions along with issues, such as environmental and climatic impacts, social justice and equity.

Required textbook:

Black, W. R., 2010: *Sustainable Transportation: Problems and Solutions*. Guilford Press, 299 pp.

(ISBN-10: 1606234854)

Suggested books (reserved at the library):

Two books, Hanson and Giuliano (2004) and Black (2003), are reserved at the library. You should read relevant sections of these books for your research.

(1) Hanson, S., and G. Giuliano, Eds., 2004: *The Geography of Urban Transportation*. 3rd ed. Guilford Press, 419 pp.

(ISBN-10: 1593850557)

(2) Black, W. R., 2003: *Transportation: A Geographical Analysis*. Guilford Press, 375 pp.

(ISBN-10: 1572308486)

Additional readings: I will assign additional readings every week. In addition, you will select and read two peer-reviewed journal articles every week, write annotated bibliographies, and digitally submit them by the beginning of the next class. Read below about this assignment more in detail.

Course Requirements includes:

Regular attendance with active participation in class discussions, midterm and final exams, weekly reading of peer-reviewed journal articles and submission of annotated bibliographies, research statement, research/project paper, and two presentations. The nature of these exams will be explained in the course.

Assignment	Percentage
Attendance	5%
Midterm exam (Mon, Mar 21)	10%
Final exam (8:00-9:50 PM, Mon, May 16)	10%
Weekly annotated bibliographies	10%
Research statement	5%
Research paper	30%
Presentation (x2)	30% (15% x 2)
Total	100 %

Assignments:**Research/project paper**

1) You will submit a one-page research statement by **Monday, February 21**.

A brief statement to indicate your research interest that you pursue in your research/project paper.

2) The peer-review process (in class) will take place **in mid April**.

3) The due date for the final paper is **Monday, May 9**.

Given this is a graduate-level course, I expect that you have already possessed skills to write an academic paper. Use academic/professional journals and reports to support your arguments. Wikipedia, encyclopedia, and other online resources may be good places to start collecting information, but do NOT include them as your references. Find original sources of information and cite them appropriately. You will need to consult a stylebook of your choice to cite external sources correctly. Plagiarism of any sort will not be tolerated; you will earn a grade of "F" for the paper (that is 30% of your final grade) if I find any plagiarism.

Understand source information and write them in your own words with appropriate citations and references when you use any external information.

Annotated bibliography (weekly)

You will also select and read two peer-reviewed journal articles. You will write an annotated bibliography for each journal article that you read and submit it digitally (on Vista) by the beginning of the next class. Be prepared to share your knowledge about the articles in class (e.g., research question, methodology, data, results, and analyses/discussions).

Presentations

You will stand in front of the class and present 1) one peer-reviewed research paper (this can be based on your weekly annotated bibliography assignment) and 2) your research/project paper.

Research sources: Numerous journal articles devoted to the subject matter of this course are accessible electronically through the library Website. Note: there are numerous other journals on specific topics, e.g., petroleum resources, energy, technology, planning and so forth.

A very good website is run by Todd Litman at the Victoria Transport Policy Institute. He has focused on some specific issues related to sustainable transport. His website is: (<http://www.vtpi.org/>). Under the Documents link, you will find various topics in different fields of transportation. By selecting a subfield of what you are interested in, you will find many reports.

TR NEWS is a magazine that the Transportation Research Board (TRB) issues bimonthly. It covers various topics of transportation, and each issue is dedicated to a particular subfield of transportation. The contents are written by policy makers, academic researchers, practitioners, state officials, etc. It is a good resource for you to get briefly introduced a new subfield of transportation. (<http://www.trb.org/Publications/PubsTRNewsMagazine.aspx>).

Disability Support Services: If you have a documented disability that may require reasonable accommodations, please contact me privately to discuss your specific needs and also contact Disability Support Services (DSS) for coordination of your academic accommodations. DSS is located in the Student Services Center building (Student Services Center 170; 898-5959; <http://www.csuchico.edu/dss/>).

Statement of academic honesty: Academic misconduct (as defined in the current California State University, Chico catalogue) will not be tolerated. Students are encouraged to discuss course materials inside and outside the classroom. However, all written materials/work submitted by students must be their own work exclusively. No answers to questions must be copied from other students, other classes, or the Internet. You need to cite sources when you use someone else's ideas, data, findings, etc. The highest standards of honesty are expected when taking exams. If you have any questions about what constitutes academic dishonesty, or the consequences of academic misconduct, consult the current university catalogue, the Office of Student Judicial Affairs (Kendall Hall 112; 898-6897; <http://www.csuchico.edu/sjd/>), or ask me.

Outline: The class schedule and assignments are subject to change.

Timeline

Week	Month		Reading**
Week 01	Jan 24*		
Week 02	31	Introduction	Chapter 1
Week 03	Feb 7		Chapters 2, 3 and 4
Week 04	14	Journal article presentation 1	Chapters 5 and 6
Week 05	21	Journal article presentation 2	Chapters 7 and 8
Week 06	28	Journal article presentation 3	Chapters 9 and 10
Week 07	Mar 7	Journal article presentation 4	Chapters 11 and 12
Week 08	14	Spring break	
Week 09	21	Midterm exam	Chapters 13 and 14
Week 10	28	Journal article presentation 5	Chapters 15 and 16
Week 11	Apr 4	Journal article presentation 6	Chapters 17 and 18
Week 12	11	Journal article presentation 7	Chapters 19 and 20
Week 13	18	Journal article presentation 8	Chapters 21 and 22
Week 14	25	Paper presentation 1	
Week 15	May 2	Paper presentation 2	
Week 16	9	Paper presentation 3	
Week 17		Final Exam: Monday, May 16, 8:00-9:50 PM	

* No class; I will be attending a meeting.

** There will be additional reading assignments beyond this list.