USP 465/565
Pedestrian and Bicycle Transportation
Course Information - FALL 2011

Meeting Time  Mondays, 9 am – 11:40 am  Location  NH 381
Instructor  Lynn Weigand, PhD  weigand@pdx.edu 503.725.4042  Office Hours  Urban Center 350E  By Appointment

Course Description
Walking and bicycling are increasingly seen as viable transportation modes that provide environmental, economic, health and social benefits. This course provides an introduction to pedestrian and bicycle transportation that will focus on context, planning, design, education and advocacy to promote bicycle and pedestrian travel that is safe, convenient, accessible and enjoyable. We will focus primarily on the US transportation and land use context, but also will draw on the experiences of other cities and countries. The class will consist of a combination of teaching and learning approaches, including lectures, guest lectures, in-class exercises and discussion, and out-of-class assignments.

Learning Objectives
▪ Understand the role and benefits of bicycling and walking in the context of US transportation systems;
▪ Gain knowledge of principles and practice of planning and designing pedestrian and bicycle facilities, primarily in urban environments;
▪ Learn the critical elements necessary to successfully integrate walking and bicycling into all aspects of community design and transportation; and
▪ Understand the roles of education, encouragement and advocacy programs in promoting travel behavior change.

Student Assessment  USP 465  USP 565
Participation (discussion/in-class exercises)  10 points  10 points
Assignment #1  20 points  20 points
Assignment #2  20 points  20 points
Assignment #3  15 points  15 points
Annotated Bibliography  35 points
Literature Review & Presentation  35 points
Total  100 points  100 points

You are part of a learning community and are expected to be prepared and active participants in the class. My role is to facilitate your learning process by guiding you through the ideas and concepts. I expect you to push yourself to think critically about the material and its applications to the real world, not to simply repeat information back to me.
**COURSE SCHEDULE & ASSIGNMENTS**

*Please note that the schedule, topics and speakers may change throughout the term.*

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<tr>
<th>Date</th>
<th>Topic</th>
<th>Assignments</th>
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| 9/26  | Course Overview  
Bicycle and Pedestrian Travel: US Context, Relevance & Benefits | Distribute Assignment #1 |
| 10/3  | Bicycle and Pedestrian Planning  
- Master Planning  
- Project Planning  
- Data Needs and Data Collection  
*Guest Speakers: Mike Rose, Mike Tresidder, Alta Planning + Design* | |
| 10/10 | Pedestrian Environments & Facilities Design | Distribute Assignment #2 |
| 10/17 | Bicycle Facilities Design | Assignment #1 Due |
| 10/24 | Trail Planning & Design  
*Guest Speaker: Steve Durrant, Alta Planning + Design* | |
| 10/31 | Engineering Principles  
Intersection & Signal Design  
*Guest Speaker* | Assignment #2 Due/Discussion |
| 11/7  | Bike Share  
*Guest Speaker: Brodie Hylton, Alta Bike Share*  
International Best Practices and Programs | Distribute Assignment #3 |
| 11/14 | Education and Encouragement Programs  
- Smart Trips/Sunday Parkways  
- Safe Routes to Schools  
- Community-Based Programs  
*Guest Speaker: Linda Ginenthal, City of Portland* | Assignment #3 Due/Discussion |
| 11/21 | Role of Advocacy  
*Guest Speaker: Rob Sadowsky, Bicycle Transportation Alliance*  
Research to Practice | |
| 11/28 | Final Presentations | Final Presentations (USP 565) |
| 12/5  | | Final papers due (all) |
Readings
The field of bicycle and pedestrian travel is rapidly evolving, new information is continually evolving and new information is emerging rapidly. To ensure you are obtaining the most current information, readings will be drawn from an array of publications, academic journals, articles, web-based information and other sources. Readings for each week will be posted on D2L. You are expected to visit this site for the reading list which can be downloaded or viewed on line. You (and your bank account) will be happy to hear that there is no required text for this class.

On-Line Learning
On-line resources for the course will be available on D2L. It is your responsibility to check the site for updates, readings and assignments. I may occasionally use the class list to send group emails to the class. Please ensure that the email you have linked to your PSU account is one that you use on a regular basis so you do not miss any electronic correspondence sent from this list.

Student Conduct & Responsibilities
Students are responsible for knowing and understanding all university policies regarding student conduct, academic standards and health. With the potential for widespread flu illness this quarter, please visit the website of the Center for Student Health and Counseling for more information: [http://www.shac.pdx.edu/](http://www.shac.pdx.edu/). Please be respectful of others in the classroom by silencing cell phones, refraining from laptop use and putting away all electronic devices during class.

Grading
An explanation of letter grades can be found in your student handbook. I consider a B to be indicative of good graduate level work and an A to represent work which is exceptional. If you receive below a B- on a written assignment you may request to rewrite. The final grade for the assignment will be the average of the two grades received. You must submit a request to rewrite within one week of receiving the graded assignment, and you will have one week to complete the rewrite of the assignment.

Policy on Incompletes
Students may be granted an "I" grade (Incomplete) only under certain conditions and with a written agreement with the instructor prior to the time grades are given. Reasons for assigning the I grade must be acceptable to the instructor. The student does not have the right to demand an Incomplete. Please refer to your student handbook and university bulletin for complete policies on incompletes.