

DRAFT: This Agenda May Be Subject to Change

**Integrating Bicycle & Pedestrian Topics into Transportation Courses
June 20-21, 2019**

Room 315 of Engineering Building, 1930 SW 4th Ave., Portland, OR 97201

THURSDAY, JUNE 20

- 8:00 am** **Check-in and Breakfast**
- 8:30 am** **Welcome and Introductions (Chris Monsere, Portland State University)**
- 8:40 am** **Workshop Kickstarter (Chris Monsere, Portland State University)**
The day will start with a quick overview of the workshop and a review of the PSU's history of planning and design for active transportation and city-university partnerships. An open discussion will follow where participants begin networking through a designed active session. Participants should come prepared to describe what they currently teach, challenges experienced in integrating bicycle and pedestrian topics into courses, what they are hoping to gain from the workshop.
- 9:30 am** **Lessons from a Practicing Engineering (TBD)**
Traditional transportation principles for planning and engineering auto-oriented communities are not necessarily the best designs for active transportation. Learn how to reorient practices to design and engineer communities to be more friendly to active transportation.
- 10:30 am** **Break (Get bike rentals)**
- 10:45 am** **Field Tour on Bicycle with Lunch (provided)**
Get out of the classroom and onto bikes to understand how the lessons you teach are implemented in the field. A field tour is a great way for participants to experience first-hand how the theoretical underpinnings of classroom teaching relates to the real-world. There will be many opportunities to take photos for your own lectures.
- 2:30 pm** **Return from field tour**
- 2:45 pm** **Bicycle Engineering Topics, Course and Module Development (Chris Monsere, Portland State University)**
An overview presentation of the key topics and reference documents for developing a course in to cover bicycle engineering topics. As part of the session, we will help participants identify resources for design guidance, highlighting resources for developing lectures, a sample reading list, sample homework, project assignments, and in class activities.
- 3:45 pm** **Break**
- 4:00 pm** **In-class Exercises (Chris Monsere, Portland State University)**
This session will show you a set of in-class exercises currently used in courses that can easily be picked up, modified, and used in your own classroom. Exercises may cover concepts like route planning, street space reallocation, level of traffic stress, and more.
- 5:30 pm** **Social Hour with faculty and alumni**

FRIDAY, JUNE 21

- 8:00 am** **Active Transportation Planning Topics, Course and Module Development (Drusilla van Hengel, Nelson\Nygaard)**
Participants will learn about the important elements of an active transportation course, teaching modules, and potential bicycle and pedestrian planning topics.
- 10:00 am** **Break**
- 10:30 am** **Bicycle and Pedestrian Planning Lab (Kirk Paulsen and Derek Abe, Alta Planning + Design)**
Learn about PSU's experiential planning course that allows participants to apply classroom learning and exposes participants to real-world design issues. Learn how to structure a lab, learn about sample projects, and lessons learned to better design an experiential course.
- 12:00 pm** **Lunch**
- 1:00 pm** **Pedestrian Engineering Topics, Course and Module Development (Chris Monsere, Portland State University)**
An overview presentation of the key topics and reference documents for developing a course in to cover pedestrian engineering topics. As part of the session, we will help participants identify resources for design guidance, highlighting resources for developing lectures, a sample reading list, sample homework, project assignments, and in class activities.
- 2:15 pm** **Break**
- 2:30 pm** **Field Tour (on foot) (Chris Monsere, Portland State University and John Landolfe, Oregon Health & Science University)**
After a short walk from the Engineering Building we will board the Portland Streetcar or MAX lightrail to the SW Waterfront to explore Portland's latest implementation of active transportation facilities, focusing on the pedestrian experience. The tour will highlight accessibility issues and challenges and cover ADA design considerations. Participants will experience how pedestrians interact with bicyclists, transit, and cars. The tour will include visits to OHSU's bicycle valet and a ride on the OHSU tram. There will be many opportunities to take photos for your own lectures.
- 4:15 pm** **Workshop Summary and Wrap-Up (Chris Monsere, Portland State University)**
Participants will have an opportunity to discuss how they plan to apply lessons learned in their coursework and impressions of the workshop and address any other remaining topics. Instructors will explain plans to follow up with participants in the coming year.
- 5:00 pm** **Adjourn**