The Initiative for Bicycle and Pedestrian Innovation (ibpi) announces a new professional development course on 

**Engineering Intersections for Bicyclists and Pedestrians**  
Thursday & Friday, April 17-18, 2008 • Portland State University

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**Description**

This course, developed and taught by engineers for engineers, teaches participants how to design intersections that provide safety and mobility for bicyclists and pedestrians. Participants will learn the principles and process of good intersection design for bicycle and pedestrian facilities, understand the relevant policies and standards, and learn how to apply them in a variety of settings, including retrofits of existing conditions and design of new facilities. Specific topics will include:

- Characteristics of bicyclist and pedestrian movement at intersections;
- Problem identification;
- Applicable policies and standards for design, including benefits and drawbacks for each mode of travel;
- Intersection treatment and design options;
- Selection and evaluation process for traffic control treatments at intersections;
- Design principles for bicycle and pedestrian movement, safety, and comfort;
- Key safety issues for bicyclists and pedestrians at intersections.

The course will include discussion of specific needs of bicyclists and pedestrians at intersections, and will feature a selection of intersection treatment innovations from abroad.

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**Instructors**

**PETER KONCE, PE,** is a transportation engineer and Technical Services Leader with Kittelson & Associates, Inc. He is an adjunct professor at Portland State University and has taught short courses for the University of Washington. He currently manages the development of the Federal Highway Administration's Traffic Signal Timing Manual – a multimodal approach to signal timing with a focus on integrating policy and engineering decisions.

**ROB BURCHFIELD, PE,** is the City Traffic Engineer for the Portland Office of Transportation. He has 25 years of experience and has worked extensively with the design and operation of urban streets for bicycles and pedestrians.

**JAMIE PARKS** is a transportation planner with Kittelson & Associates who works closely with engineers to develop appropriate non-motorized transportation solutions. He is developing tools to measure the safety and suitability of bicycle and pedestrian facilities, and is participating in the development of the multi-modal chapters of the 2010 Highway Capacity Manual.

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**Sponsored by**

This course is sponsored by the Initiative for Bicycle and Pedestrian Innovation (ibpi). The IBPI's purpose is to enhance policies, programs, and projects that promote pedestrian and bicycle travel through research, education, and outreach.

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**For more information**

Contact the IBPI at 503-725-4024 or ibpi@pdx.edu

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**Registration**

The fee for this professional development course is $395. This includes morning coffee, snacks, lunch, and course materials. The fee does not include bike rental, travel, lodging, or other meals while in Portland. To register for the program please use the form on the next page and fax or mail it in to our office. **Registration deadline is APRIL 10, 2008.**
Course Registration Form

Engineering Intersections for Bicyclists and Pedestrian
Thursday, April 17, 8 am – 5 pm ● Friday, April 18, 8 am – 2 pm
Portland State University

To Register: Mail, fax, email, or call in this form by April 10, 2008

Mail: IBPI Course Registration Fax: 503-725-8480
Center for Transportation Studies Email: ibpi@pdx.edu
Portland State University - CTS Phone: 503-725-4024
PO Box 751
Portland, OR 97207-0751

Professional Development and Continuing Education
Courses offered by IBPI may satisfy continuing professional competency requirements for professional development as a condition for licensure or certification renewal. It is the responsibility of the individual to check with the certifying board or agency to determine if the course qualifies, and, in most cases, to maintain records to support credits claimed. IBPI provides a completion certificate for each course that documents attendance, course title, date, location and course instructor. Additional information can be provided upon request to satisfy certification requirements.

Participant Information

Name ______________________________
Title ______________________________
Organization ______________________________
Address ______________________________
City __________________ State ______ ZIP __________
Phone _________________ Fax _______________________
Email ______________________________

We will use email to confirm your registration and provide additional course information. If, after registering, you do not hear back from us in a timely manner, please contact us to confirm your registration.

Dietary Needs Vegetarian:________ Other: _____________________

Bike Rental

☐ Yes, I will need a bike for the tour. Height: ______
Inseam: ______

Payment

☐ $395 - Includes morning coffee, snacks, lunch, and course materials. I’ll bring my own bike & helmet
☐ $445 – Includes one day bike and helmet rental for field tour.

Group Discounts: Groups of three or more from the same agency, registering at the same time, each receive a discount of $50 off the registration fee.

☐ Check enclosed. Make checks payable to Portland State University - IBPI
☐ Credit Card payment (Visa and Mastercard only)

☐ Visa ☐ Mastercard

Card number _______________________________ Expiration __________

Name on card _______________________________

Signature __________________________________

Refunds, credits & substitutions

To cancel your registration and receive a refund less a $50 processing fee, you must notify the Center for Transportation Studies at least three working days before the course is scheduled to begin. Notification must be made in writing, sent by e-mail to ibpi@pdx.edu, or by fax to 503.725.8480. In lieu of canceling a registration, you may send a substitute in your place by notifying us at least two working days before the class is scheduled to begin.