

Highway Safety Manual

This two-day workshop provides basic training for the use of AASHTO's new Highway Safety Manual (HSM). Attendees will become familiar with the specific structure and content of the HSM, understand how and when to apply methods included in the HSM, and experience hands-on examples of many of the analytical procedures contained within the manual.

Attendees will have an opportunity to work some "hands on" sample problems in the computer lab. If convenient, participants should bring a calculator for simple calculations.

- Fundamentals of Traffic Safety
- Crash Modification Factors
- Calibration Procedures to Local Condition
- Network Screening
- New Predictive Models;
 - Rural Two-Lane
 - Rural Multilane
 - Urban & Suburban
- Human Factors
- Countermeasure Diagnosis & Selection
- Economic Appraisal & Project Prioritization
- Safety Effectiveness

INSTRUCTORS

Prof. Karen Dixon has broad experience and background in research and teaching geometrics and safety. She is a member of the TRB committee on Operational Effects of Geometrics and the Highway Safety Performance committee where she currently chairs their CMF subcommittee.

Prof. Chris Monsere is an Associate Professor of Civil and Environmental Engineering in the Maseeh College of Engineering & Computer Science at Portland State University. Dr. Monsere is co-chair of TRB's Safety Data Analysis and Evaluation (ANB20) committee, and friend of ANB25 Highway Safety Performance.

SCHEDULE

Registration, with continental breakfast, is from 8:00 to 8:30 am. The class adjourns by 5 pm. An agenda listing subsequent start and end times will be distributed the first day.

COURSE LOCATION

This workshop is held at **Portland State University** in the Engineering Building located at 1930 SW Fourth Av, room EB315. Parking information to follow. The PSU campus is easily accessible by TriMet transit.

ENROLLMENT

Return the attached application form and fee to The Kiewit Center at least one week prior to the class. Registration is limited to the first 35 applicants. If a registration must be canceled, a full refund can be made only if a notice of withdrawal is received at least one week prior to the course starting date. A fee of one-half of the course tuition will be charged for cancellations after that period. Substitute attendees are encouraged.

Registration fees cover tuition, course materials, morning coffee and donuts, break refreshments, and lunch.

Mon – Tues
Mar 27–28

\$300
13 PDH

Register Online

<http://cce.oregonstate.edu/traffic-safety-workshops>

Area Lodging

<http://www.portland.com/hotels>

This publication will be made available in accessible formats upon request. Please call 541-737-4273 for information.

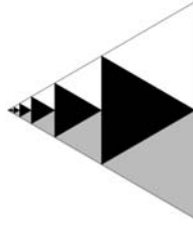
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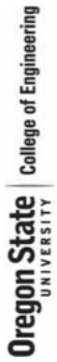
The Kiewit Center for Infrastructure & Transportation
Traffic Safety Workshops
 101 Kearney Hall
 Corvallis, OR 97331
 541-737-4273

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March 27-28, 2017
 PSU-Engineering Bldg
 Portland, OR



Sponsored by
 The Kiewit Center
 for Infrastructure & Transportation
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Highway Safety Manual – March 27-28, \$300

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One application per person; copy if necessary. Make checks payable to: **The Kiewit Center**
Mail to: The Kiewit Center, OSU, 101 Kearney Hall, Corvallis, OR 97331 *Attn: Traffic Safety Workshops*
Fax to: 541-737-3052 // **email:** kiewit.center@oregonstate.edu