Highway Safety Manual

This two-day workshop provides basic training for the use of AASHTO's 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 using case studies and training spreadsheets. A brief preview of the upcoming updates to the HSM will be included.

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

INSTRUCTORS

Prof. Karen Dixon, P.E. has broad experience and background in research and teaching geometrics and safety. Dr. Dixon is a Senior Research Engineer at the Texas Transportation Institute. Dr. Dixon is chair of TRB’s Highway Safety Performance (ANB25) committee.

Prof. Chris Monsere, P.E. is Professor and Chair of Civil and Environmental Engineering at Portland State University. His research and teaching interests are in multimodal safety and operations. Dr. Monsere is past co-chair of TRB’s Safety Data Analysis and Evaluation (ANB20) committee, and friend of Highway Safety Performance (ANB25).

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 Ave, 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, parking permits, morning donuts with coffee, break refreshments, and lunch.

Wed – Thur
June 17-18
at
Portland State University

$325
13 PDH

Register Online
http://cce.oregonstate.edu/traffic-safety-workshops

Area Lodging
PSU’s University Place Hotel is walking distance to the Engineering Building. Other hotels at 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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One application per person; copy if necessary. Make checks payable to: The Kiewit Center

Email: nancy.brickman@oregonstate.edu

Mail to: The Kiewit Center, OSU, 101 Kearney Hall, Corvallis, OR 97331

Highway Safety Manual — PSU

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