

# Human Factors in Roadway Design and Operations

- Human Factors Basics
- Driver/Pedestrian/Bicyclist Behavior & Human Performance
- Influence of Drugs, Alcohol and Age
- Risk-taking and Distracted Behavior
- Speed Perception, Speed Selection & Control
- Roadway Design & Lane Departure Prevention
- Signage, Striping & Markings
- Intersection Design, Operations & Control
- Human Factors of Urban Street Design for Bicycles, Pedestrians & Transit
- Human Factors in Access Management
- Human Factors in Work Zone Layout & Control

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## OBJECTIVE

This course was especially developed for ODOT personnel. The objective is to present knowledge and guidelines on the application of human factors principles and findings in highway design and operations. Significant complementary projects and efforts have been addressed in the use of human factors in design, operations, safety and control of highways, and the results and findings of these efforts are published in the NCHRP Report 600, *Human Factors Guidelines for Road Systems* (HFG). This workshop will present that and other current research and information on human factors in highway design and operations.

## INSTRUCTIONAL STAFF

Profs. David Hurwitz, Kate Hunter-Zaworski and Robert Layton, all faculty members at Oregon State University, will present.

## SCHEDULE

Registration 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

The LaSells Stewart Center is located on the Oregon State University campus in Corvallis, at the corner of Western Blvd and 26th Street. Visitor parking is available in the OSU parking structure.

## 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 donuts with coffee, break refreshments, and lunch.

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**Thur –Fri  
Nov 8-9  
Corvallis, OR**

**\$325 | 13 PDH  
\$75 ODOT employees**

### Register Online

[cce.oregonstate.edu/traffic-safety-workshops](http://cce.oregonstate.edu/traffic-safety-workshops)

### Area Lodging

[visitcorvallis.com](http://visitcorvallis.com)

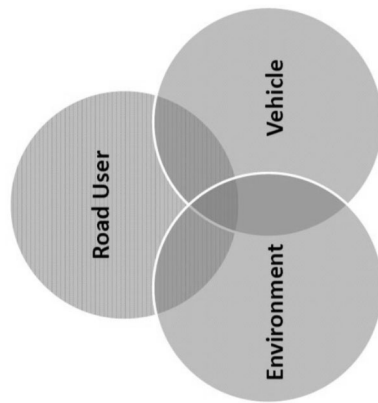
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**Oregon State University  
College of Engineering**

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Nov 8-9, 2018



*Sponsored by*

The Kiewit Center  
for Infrastructure & Transportation  
at OSU

*and*

Oregon Traffic Safety Division Oregon  
Department of Transportation



**Oregon State  
University**

## Human Factors — Nov 8-9, 2018

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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  
 email: kiewit.center@oregonstate.edu



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