

Traffic Engineering Fundamentals

- Human and Vehicular Characteristics
- Data Analysis & Statistics
- Volume Studies
- Speed Studies & Speed Zoning
- Travel Time & Delay Studies
- Parking Studies
- School & Pedestrian Zones
- Geometric Design Fundamentals
- Intersection Design & Control
- Traffic Engineering Administration & Legal Responsibilities
- Roundabouts
- Pedestrian & Bicyclist Considerations
- Access Management
- Introduction to Traffic Control Devices
- Roadway & Intersection Capacities
- Traffic Signals
- Skid Resistance
- Sight Distance
- Passing Zone Studies
- Crash Analysis
- Retroreflectivity

OBJECTIVE

This course is designed for all people working in the traffic field including engineers, technicians, educators, and enforcement personnel. The course provides a comprehensive coverage of the basic fundamentals to analyze and solve traffic problems. Through lectures and working problems, participants become familiar with the problem-solving techniques and data-gathering methods for both urban and rural traffic problems.

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.

INSTRUCTIONAL STAFF

Instructors are professionals practicing in Oregon.

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.

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.

**Tues–Thurs
Nov 29—Dec 1
Corvallis, OR**

**\$425
19.5 PDH**

Register Online

cce.oregonstate.edu/traffic-safety-workshops

Area Lodging

visitcorvallis.com

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

Oregon State
UNIVERSITY



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

Traffic Engineering Fundamentals – \$425

Name:		Agency	
Title:		Phone:	
Address:		City, State, Zip:	
Dietary Restrictions?		Purchase order _____ Bill me _____ Check Coming _____	

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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Nov 29–Dec 1, 2016



Sponsored by
 The Kiewit Center
 for Infrastructure & Transportation
 at OSU
and
 Oregon Traffic Safety Division
 Oregon Department of Transportation

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