

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
Dec 4-6
Corvallis, OR

\$440
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.



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The Kiewit Center
for Infrastructure & Transportation
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and
Oregon Traffic Safety Division
Oregon Department of Transportation

Traffic Engineering Fundamentals — \$440

Name:	Agency
Title:	Phone:
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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, Traffic Safety Workshops, 101 Kearney Hall, Corvallis, OR 97331

email: nancy.brickman@oregonstate.edu



Oregon State University
College of Engineering

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