

Transportation Engineering Fundamentals

- Human and Vehicular Characteristics
- Sight Distance
- Geometric Design Fundamentals
- Volume Studies
- Speed Studies & Speed Zoning
- Travel Time & Delay Studies
- Data Analysis & Statistics
- School & Pedestrian Zones
- Work Zones
- Intersection Design & Control
- Pedestrian, Bicycle & ADA Considerations
- Introduction to Traffic Control Devices
- Roadway & Intersection Capacities
- Traffic Signals, Design & Timing
- Crash Analysis

OBJECTIVE

This is a great introductory class designed for all those who work in the transportation field including engineers, technicians, educators, and enforcement personnel. The course provides a comprehensive coverage of the basic fundamentals to analyze and solve urban and rural transportation challenges. Through presentations, discussion and online exercises, participants become familiar with the basic concepts and current topics for both urban and rural transportation challenges.

COURSE LOCATION

Webinar format using Zoom.

INSTRUCTIONAL STAFF

Instructors are professionals practicing in Oregon.

SCHEDULE

This three-week course will meet on Tuesdays AND Thursdays, November 7– 30, 2023

**No class Nov. 21 & 23*

Instruction runs from 8:30am – 12:00pm

The course is offered in three, two-part modules. You may register for the entire three-week course or separate modules.

ENROLLMENT

Register and submit the course fee online. Make checks payable to The Kiewit Center and submit at least two weeks prior to the class. Zoom credentials will be provided after registration.

**Tuesdays & Thursdays
Nov 7 - 30, 2023
Webinar via Zoom
(No class Nov. 21 & 23)**

**\$200 Full
three-week course
OR
\$70 per module**

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

**21 PDH for full course
7 PDH per modules**

Make checks payable to: The Kiewit Center

The Kiewit Center, OSU
101 Kearney Hall
Corvallis, OR 97331
Attn: Transportation Safety Workshops

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