Transportation 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
- Introduction to Traffic Control Devices
- Roadway & Intersection Capacities
- Traffic Signals
- Sight Distance
- Crash Analysis
- Roadway Lighting
- Complete Streets

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 six-week course will meet on Wednesdays starting October 26 through December 7, 2022. (No class Nov. 23). Instruction runs from 8:30am – 12:00pm.

The course is offered in three, two-part modules. You may register for the entire six-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. Substitute attendees are encouraged.

Wednesday
Oct 26 - Dec 7, 2022
Webinar via Zoom
(No class Nov 23)

$200 Full six-week course
or
$70 per module

Register Online
cc.e.oregonstate.edu/traffic-safety-workshops

21 PDH for all 3 modules

Make checks payable to: The Kiewit Center
The Kiewit Center, OSU
101 Kearney Hall
Corvallis, OR 97331
Attn: Traffic Safety Workshops

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