The Kiewit Center for Infrastructure & Transportation

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
- Access Management
- Introduction to Traffic Control Devices
- Roadway & Intersection Capacities
- Traffic Signals
- Sight Distance
- Passing Zone Studies
- Crash Analysis
- Retroreflectivity
- Micromobility

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 Tuesdays starting November 2 through December 7, 2021. 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 one week prior to the class. Zoom credentials will be provided after registration. 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. Substitute attendees are encouraged.

Tuesdays
Nov 2 - Dec 7, 2021
Webinar via Zoom

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

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

21 PDH for full course

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.