

# Highway Capacity Manual 7.0 and Application to Two-Lane Highways

## ABOUT

This workshop provides instruction and practice on analysis of two-lane roadways using the Highway Capacity Manual (HCM) 7th Edition. The new HCM7 features and changes from HCM6 will also be discussed. Practical application of current capacity analysis procedures is emphasized through lectures, discussion and example problems.

## INSTRUCTIONAL STAFF

**Paul Ryus, PE**  
Principal Engineer, Kittelson & Associates

**Kelly Laustsen, PE**  
Associate Engineer, Kittelson & Associates

## SCHEDULE

Tuesdays, April 26 & May 3, 2022  
8:30 am – 12:00 pm.

## LEARNING OUTCOMES

At the completion of the course, participants will have an increased understanding of:

- The evolution, organization, and potential applications of the HCM
- New and updated analysis methods in HCM7
- Two-lane highway concepts, operations, and performance measures
- Applying the HCM7 two-lane highway analysis method with the assistance of a spreadsheet-based computational engine

## COURSE LOCATION

Webinar format using Zoom

## ENROLLMENT

Register online at least one week prior to the class. The 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. A fee of one-half of the course tuition will be charged for cancellations after that period. Substitute attendees are encouraged.

**Tuesdays  
April 26 & May 3,  
2022**

**\$70  
7.0 PDH**

**Register Online**

**[cce.oregonstate.edu/traffic-safety-workshops](https://cce.oregonstate.edu/traffic-safety-workshops)**

Make checks payable to: The Kiewit Center

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