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# Traffic Engineering Fundamentals

LaSells Stewart Conference Center  
Oregon State University

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**Dec 5-7, 2017**

Transportation Safety Division  
Oregon Department of Transportation  
Salem, OR 97302

The Kiewit Center  
Oregon State University  
Corvallis, OR 97331

## Tentative Agenda

<b>Tuesday – 12/5</b>		
8:30 AM	Welcome	R. Layton
9:00 AM	Traffic Engineering Introduction	R. Layton
10:00 AM	<i>BREAK</i>	
10:20 AM	Intro to Traffic Control Devices	E. Fischer
11:10 AM	Traffic Engineering Admin & Legal Responsibilities	E. Fischer
12:00 PM	<i>LUNCH</i>	
12:45 PM	Access Management	D. Huntington
1:30 PM	Medians	D. Huntington
2:00 PM	<i>BREAK</i>	
2:15 PM	Speed Studies and Speed Zoning	E. Fischer
3:15 PM	Human Factors	K. Hunter-Zaworski
4:00 PM	Statistical Analysis	R. Layton
4:45 PM	<i>ADJOURN</i>	
<b>Wednesday – 12/6</b>		
8:00 AM	Volume Studies	E. Fischer
8:45 AM	Intersection Design and Control	E. Fischer
10:00 AM	<i>BREAK</i>	
10:20 AM	Traffic Stream & Capacity Analysis	R. Layton
11:05 AM	Roundabouts	E. Fischer
11:45 AM	<i>LUNCH</i>	
12:15 PM	Curve Studies	E. Fischer
12:45 PM	Retroreflectivity	K. Hunter-Zaworski
1:45 PM	<i>BREAK</i>	
2:00 PM	School and Pedestrian Zones	R. Layton
2:45 PM	Bicycle and Pedestrian Program	S. Lyons
4:30 PM	Intersection Sight Distance	R. Layton
5:00 PM	<i>ADJOURN</i>	
<b>Thursday – 12/7</b>		
8:00 AM	Intro to Traffic Signals	P. Coffey
10:00 AM	<i>BREAK</i>	
10:15 AM	Capacity Analysis (cont.)	R. Layton
11:15 AM	Skid Resistance	R. Layton
12:00 PM	<i>LUNCH</i>	
12:45 PM	Parking Studies	M. Takallou
1:30 PM	Passing Zone Studies	M. Takallou
2:00 PM	Travel Time and Delay Studies	M. Takallou
2:30 PM	<i>BREAK</i>	
2:45 PM	Crash Analysis	R. Layton
3:30 PM	Geometric Design	R. Layton
4:30 PM	<i>ADJOURN</i>	