Fundamentals of Traffic Safety

- Crash Data, Needs, Collection and Sources
- Fundamental Safety Analysis
- Regression to the Mean Impact
- Application of Probability and Statistics to Safety
- Countermeasure and Crash Modification
- Mutually Exclusive vs Independent Ranking Method
- Bayesian Statistics and Methods
- Evaluation of Alternative Safety Programs

OBJECTIVE
This one-day pilot course will provide background and preparation for the Highway Safety Manual (HSM) workshop. Safety concepts, definitions and safety analysis methods will be reviewed. The primary goal is to prepare participants to take the HSM workshop at the end of March in Portland, OR.

INSTRUCTIONAL STAFF
Profs. Kate Hunter-Zaworski and Robert Layton, faculty members at Oregon State University, will present.

SCHEDULE
Registration is from 8:00 to 8:30 am. The class adjourns by 5 pm. An agenda listing subsequent start and end times will be distributed the first day.

Tuesday
March 14
Corvallis, OR

$150
6.5 PDH

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

Area Lodging
visitcorvallis.com

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March 14, 2017

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