TEAM OREGON
Motorcycle Safety Program

F2F vs. eRider™ Online Classroom

Pat Hahn, 541-737-9113, pat.hahn@oregonstate.edu
Basic Motorcycle Rider Training

**Status:** 13,000 per year

**Required by law**

**Hands-on:** 8 hours

**Classroom:** 7 hours

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Development Principles

1. National standards
2. Data-driven priorities
   - Scanning
   - Risk awareness
   - Riding gear
   - Riding strategy
   - Judgment
   - Vehicle control skills
   - Impairment
   - Group riding

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Development Principles

Three types of information:

N__________  Need to know
N__________  Nice to know
N__________  NOISE

N__________  Need to know now

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Chapter 3 of 6  Taking Control - Lane Positioning and Visibility

Click 'Start' to watch the video.
Chapter 4 of 6  Riding Skills - Cornering: Introduction

Click 'Start' to watch the video, then follow the directions to review cornering.

Study the tree lines or utility poles - which way does the curve go? Look for clues to where the exit leads.
Position - choose the best lane position to see through the corner - enter from the outside of the turn.
Chapter 4 of 6  Riding Skills - Cornering: Countersteering

Click 'Start' to watch the video, then click on the handlebars to demonstrate countersteering.
Chapter 4 of 6  Riding Skills - Cornering: Countersteering

Click 'Start' to watch the video, then click on the handlebars to demonstrate countersteering.
Click 'Start' to watch the video, then watch the demo and follow the directions to play the card game.
Chapter 6 of 6  Ready to Ride - Final Activity - Think Like a Motorcyclist

Click 'Start' to watch the video, then watch the demo and follow the directions to play the card game.

Motorcycle  Riding Gear  Type of Ride  Conditions

Motorcycle: Scooter, Sport Bike, Tourer

Riding Gear: Team Oregon

Type of Ride: Cruiser

Conditions:?
Chapter 6 of 6  Ready to Ride - Final Activity - Think Like a Motorcyclist

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- **Motorcycle**
  - Scooter
  - Sport Bike
  - Tourer

- **Riding Gear**
  - High Viz
  - Low Viz

- **Type of Ride**
  - Commuting
  - Solo Ride
  - Touring

- **Conditions**
  - Deal
  
  - Cruiser
  - Med/Low Viz
  - Group Ride

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Chapter 6 of 6  Ready to Ride - Final Activity - Think Like a Motorcyclist

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Chapter 6 of 6  Ready to Ride - Final Activity - Think Like a Motorcyclist

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Your Situation

Couple of drinks after work, friend stops by for a ride
It was a long day at work, so you were pretty excited to get home and have a drink or two. Shortly after you finish your second drink, a couple of your friends stop by. They're headed out for a ride and are hoping you'll join them. What's the best choice?

- Grab your helmet and hit the road!
- Turn down the invitation and promise to join them another time.
- Let your friends know that you'd love to join them, but they'll need to wait an hour.
Chapter 3 of 6  Taking Control - Real-time Scanning: Scored

Watch the demo, follow the instructions and click on the clue or hazard when the video stops.
Chapter 3 of 6  Taking Control - Real-time Scanning: Scored

Watch the demo, follow the instructions and click on the clue or hazard when the video stops.

Vehicles waiting to cross intersection or turn.

Next Scene
Chapter 4 of 6  Riding Skills - Final Activity - You Are the Rider

Click 'Start' to watch the video and answer questions periodically about the ride.

What should a motorcyclist predict will happen next in this situation?

- Farm vehicle will turn right.
- Farm vehicle will stop to let the rider pass.
- Farm vehicle will turn left.

Next
Chapter 4 of 6  Riding Skills - Final Activity - You Are the Rider

Click 'Start' to watch the video and answer questions periodically about the ride.

Farm vehicle will turn left.
This is the safest and best prediction. A slow-moving vehicle on a rural road is often traveling only a short distance and will likely turn soon. Be patient!

Continue
Field Test

1. 477 online students vs. 646 control group
2. Average time to completion: 4.5 hours (from 7)
3. Performance measures:
   – Test scores
   – Evaluation forms
   – Pre/post surveys
Test Scores

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<thead>
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<tr>
<td>Traditional Classroom</td>
<td>92</td>
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<tr>
<td>Online Classroom</td>
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</table>

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Course Evaluations

The classroom presentation improved my knowledge

1-Disagree       10-agree

9.4
9.0
8.9
8.7

Traditional Beginner  Online Beginner  Traditional Experienced  Online Experienced

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Pre/Post Surveys

- Traditional Beginner: Pre-course 5.4, Post-course 8.5
- Online Beginner: Pre-course 5.3, Post-course 8.7
- Traditional Experienced: Pre-course 7.3, Post-course 8.8
- Online Experienced: Pre-course 7.4, Post-course 9.1

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eRider™ Summary

1. Started from scratch
2. Focused on priorities
3. Need to know now
4. Reduced time by 1/3
5. Test scores same
6. Outcomes same

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