



# Rider Education and Training System

## *RETS UPDATE*

**International Motorcycle Safety Conference  
March 2006**

**Ray Ochs, MSF Director of Training Systems**



# Motorcycle Safety Foundation

## MISSION

“

We make motorcycling safer, and more enjoyable, by ensuring access to lifelong quality education and training for current and prospective riders, and by advocating a safer riding environment.

”



# Motorcycle Safety Foundation

## • MAIN MESSAGES •

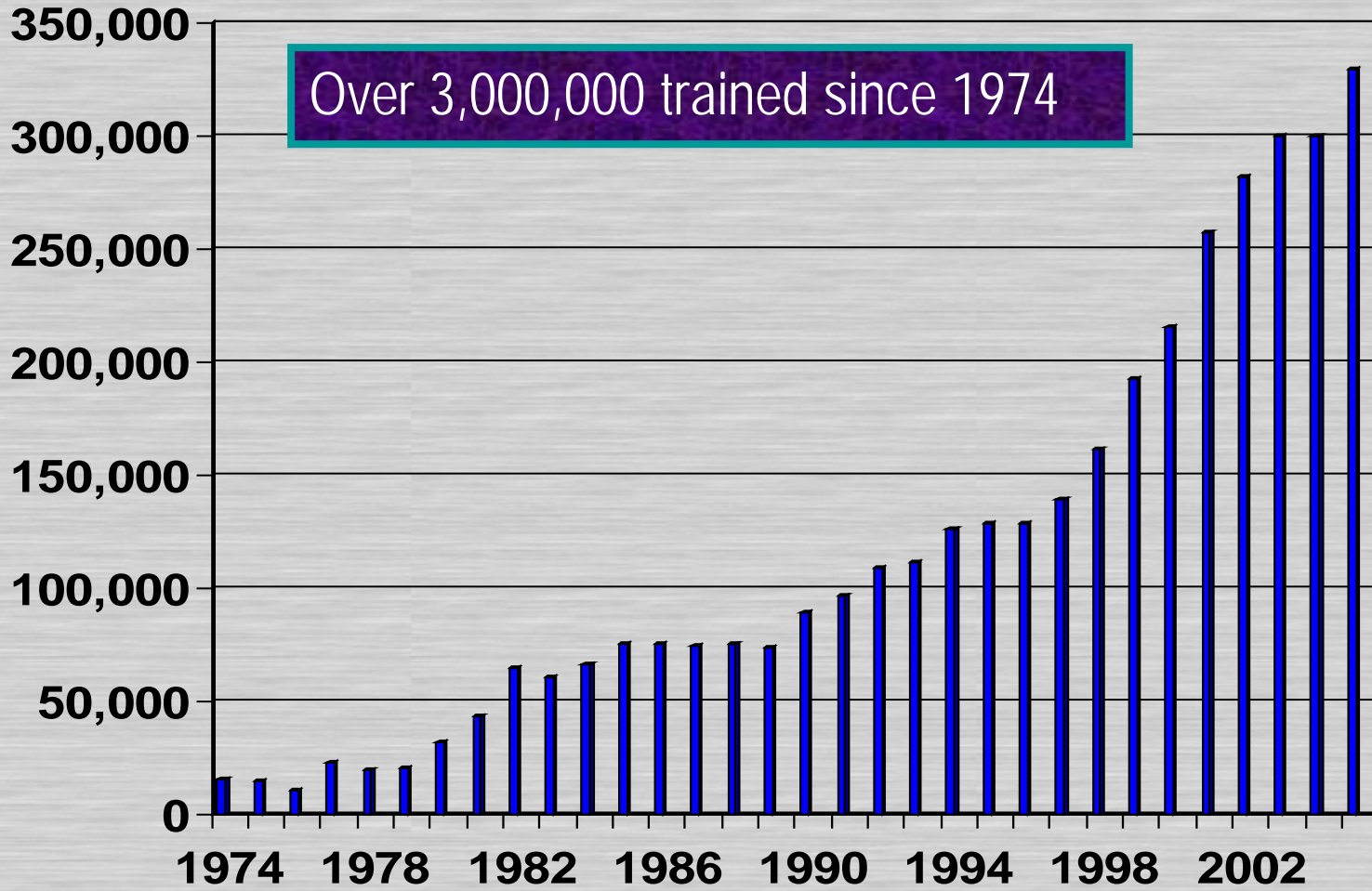
- Get trained and licensed
- Be a lifelong learner
- Wear protective gear
- Ride unimpaired
- Ride within personal limits





# Motorcycle Safety Foundation

## TOTAL RIDERS TRAINED





# Rider Education and Training System

- **OVERALL STRATEGY** ●

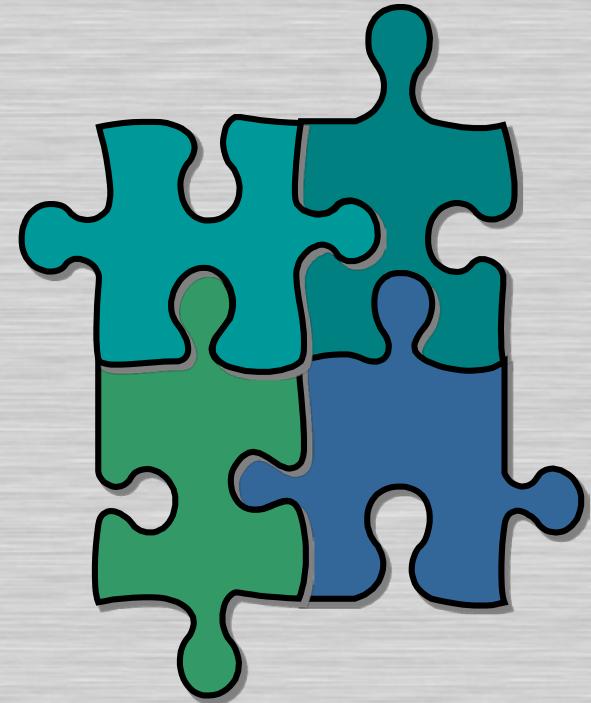
*Engage motorcyclists in lifelong learning & provide opportunities for safety renewal*





# System Characteristics

- Comprehensive model
- Custom-tailored for riders
- New opportunities for RiderCoaches<sup>SM</sup>
- Flexibility for jurisdictions





# THEN NOW

## 2-Course Approach

- Basic
- Advanced

## System Approach

- Multiple Entry Points
- Safety Renewal
- Hands-On Courses
- *Host An Event Courses*





# The Big Picture

## MSF Rider Education & Training System

### PRELIMINARY PROGRAMS

- \* Web-Based Safety Awareness & Training
- \* (P '06) Self Assessment
- \* Spokesperson
- \* (A) Motorcyclist Awareness: Pre-Permit
- \* Product Familiarization
- \* (P '06) Introduction to Motorcycling

### HANDS-ON PROGRAMS

- \* (A) Basic Course
- \* (A) ERC Suite:
  - \* (A) Skills Practice
  - \* (A) License Waiver
  - \* (A) Skills Plus
- \* (P'06) Skill Enhancement *RiderCourse*
- \* (P'06) On-Road *RiderCourse*
- \* (A) ScooterSchool 1
- \* Dual Sport
- \* (A) MILMO Military
- \* (A) DirtBike School
  - Youth/Adult
  - CRE/OTS
  - DBS:Street Riders

### CLASSROOM PROGRAMS

- \* (A & P '06) Motorist Awareness
- \* M/C Maintenance
  - Basic
  - Advanced
- \* (A) Group Riding
- \* (A) SeasonedRider
- \* Touring
- \* Driver Education
- \* Rider Improvement Violator School
- \* Mental Preparation
- \* (A) Riding Straight
- \* (P '06) Rider Perception Module
- \* BRC Online Classroom

### OTHER PROGRAMS

- \* Special Needs
  - General
  - By Course
- \* Referrals
  - Trailers
  - Sidecars
  - Trikes
- \* Law Enforcement Training
- \* First Responder
  - Pro
  - Buddy

- \* Non-Rider Awareness
- \* Do Motorcycling Right
- \* Peer Mentoring
- \* Competition
  - Adult
  - Youth
  - MX
  - Road Racing
  - Drag Racing

- (A) AAMVA Licensing Assistance
- Premier Training Sites

(A) = Available Now  
(P) = Priority





Available Now

# MSF Rider Education & Training System

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## HANDS-ON PROGRAMS

## CLASSROOM PROGRAMS

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## MSF Rider Education & Training System

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# System's Primary Strands

## Hands-On Courses

**Dirtbike School**  
**Scooter School**  
**Basic *RiderCourse***

**Experienced *RiderCourse***  
**Skill Enhancement *RiderCourse***  
**On-Road *RiderCourse***

## *Host An Event Courses*

**A Common Road**  
**Riding Straight**  
**A Guide To Group Riding**

**Seasoned Rider**  
**Rider Perception**  
**Self Assessment**

## Web-Based Learning

**Web-based Learning**  
**Public Website Information**  
**Rider Education and Training System Online Resource Guide**



# System: A Sample *RiderCourse* Progression

- 1
    - *Dirt Bike School* (DBS) for Street Riders
    - *ScooterSchool*
    - BRC Preliminaries
- 

- 2
    - *Basic RiderCourse*
      - Extended
      - Regular
      - Formal Remedial Training
      - Additional Practice
- 

- 3
    - *Experienced RiderCourse Suite*
      - Skills Practice
      - License Waiver
      - Skills Plus...
- 

- 4
  - *Skill Enhancement RiderCourse*
  - *On-Road RiderCourse*



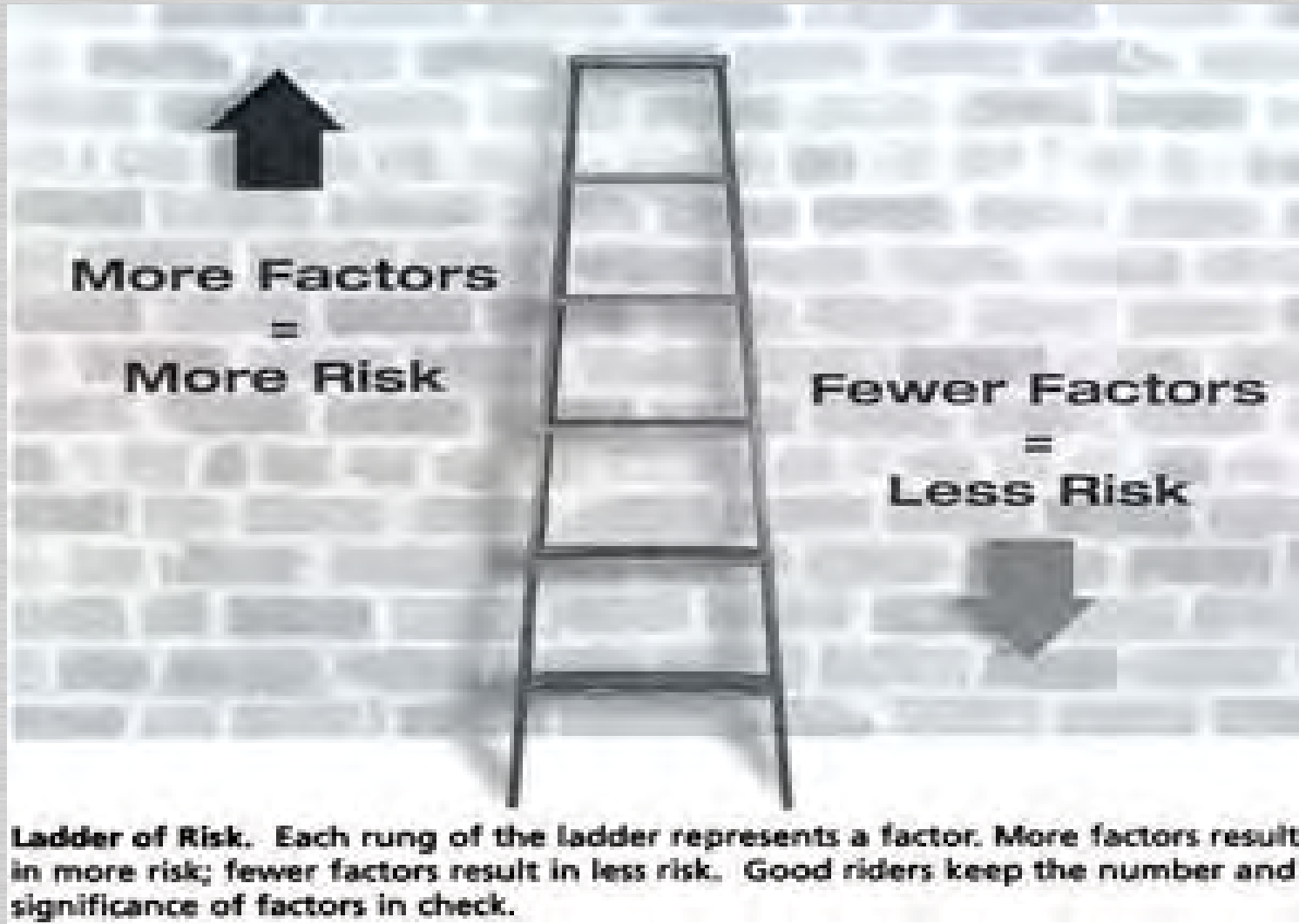
# System's Core Themes

1. Crashes caused by a combination of factors.
2. Good riders minimize hazardous factors.
3. Proficient riders use a strategy to reduce risk.
4. Good riders make the right moment-to-moment decisions.
5. The primary challenge for riders is to apply personal self control.



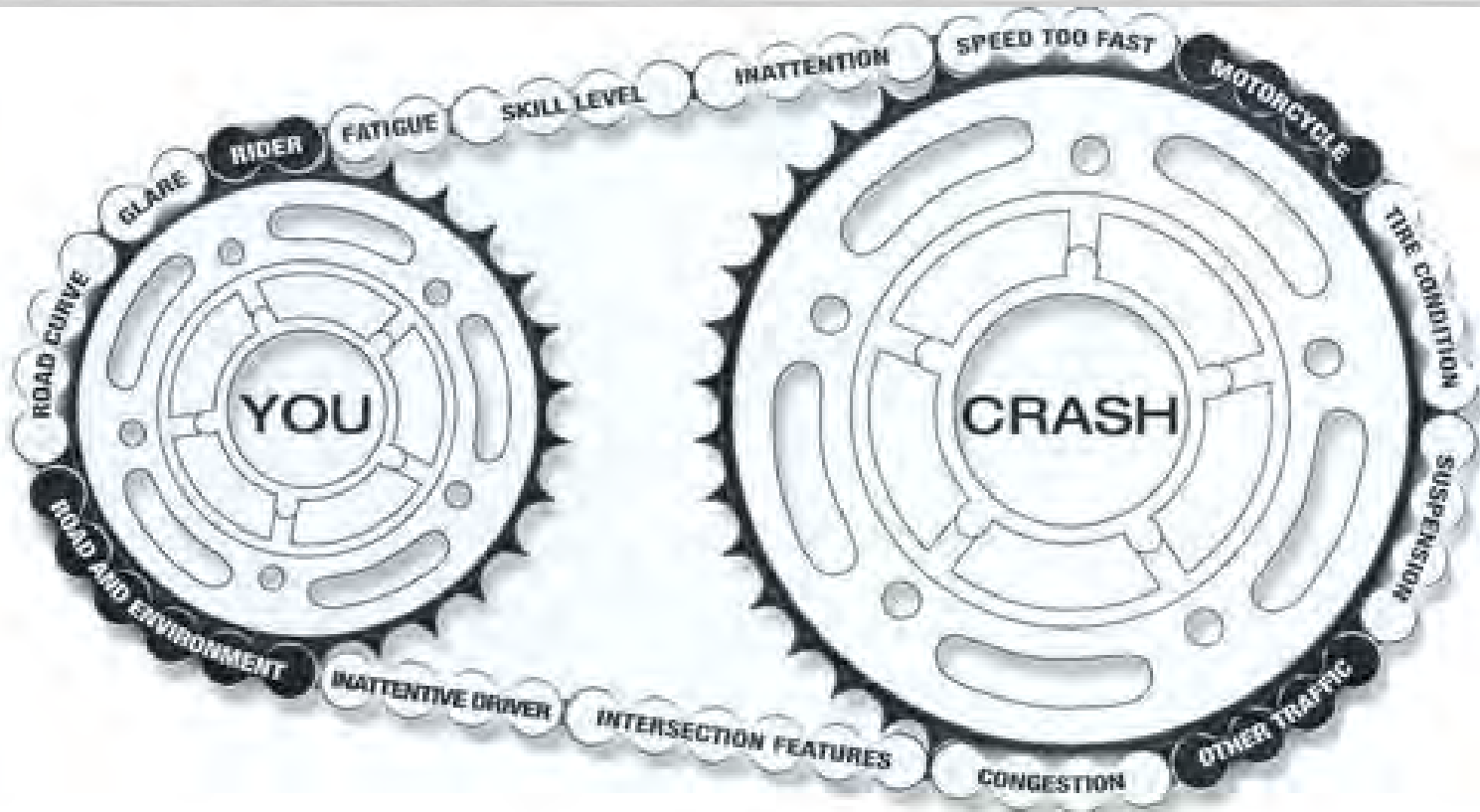


# Risk Management





# Multiple Factors



## Crash Chain

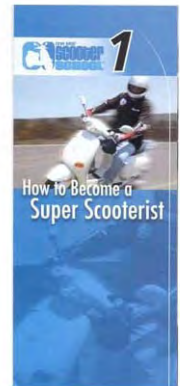
Here's one time when breaking a chain is a good thing. In this diagram, factors from four categories (dark links) interact to form a chain of events that link you to a crash.

Removing just one factor breaks the chain and may prevent the crash.

To what degree do you control each of these factors?

# ScooterSchool 1

- **4-hour familiarization course**
- **Patterned after Basic *RiderCourse* and Experienced *RiderCourse* Suite**
  - **10 Exercises.....6:1 Rider to ScooterCoach Ratio**
  - **90' x 140' Range**
  - **Materials: RiderCoach Guide Tab; ScooterCoach Range Cards; *You and Your Scooter Riding Tips* booklet**
- **Frequently Asked Questions Online**
- **Update required for ScooterCoach certification**





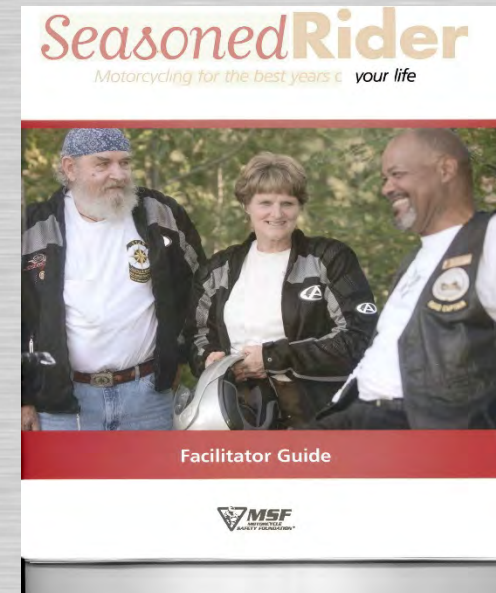
# Introduction to Trail Riding

- **Complements Closed-Range *DirtBike School* curriculum**
- **Available Summer 2006**
- **Coach certification stresses use of ‘judgment’ in selecting rider experiences**



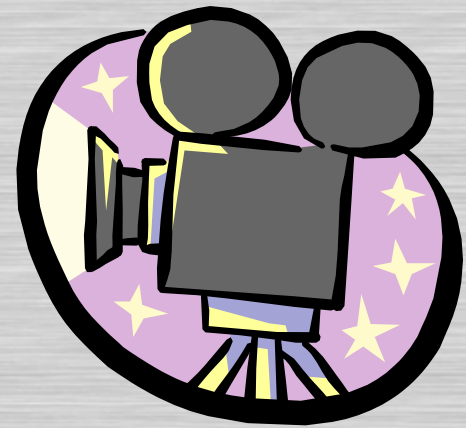
# SeasonedRider Module

- **Currently available (\$35)**
- **Purpose: address effects of aging on motorcyclists**
- ***Host An Event* curriculum**
- **Contents:**
  - **Facilitator Guide**
  - **Fact sheet**
  - **DVD training aid**
  - **Snellen eye charts for visual acuity**
  - **MSF rulers for reaction time**



# Rider Perception Module

- **Goal to improve rider perception in traffic**
  - **How quickly eyes and mind work**
- **2 Parts: Sign identification and traffic scenarios**
  - **Do we know our road signs?**
  - **Quick identification of traps in traffic/environment**
- **Available as web experience**
- **Another for *Host an Event* curriculum**









# **This sign means:**

1. Traffic circle
2. Stop ahead
3. No right turn





## **This sign means:**

1. Divided highway ends
2. Two-way traffic
3. Median ahead







# **This sign means:**

1. Pedestrian crossing
2. School zone
3. School crossing





YIELD

PRIMORY MEDICAL PLAZA  
MEDICAL OFFICE SPACE  
FOR LEASE  
2,472 - 3,124 sq. ft.  
Call Ray Ochs  
408-885-5555



# The potential hazard here is:

1. Bicyclists
2. Intersecting traffic
3. Pedestrians
4. Bridge abutments
5. Slippery surface



STOP

7

STOP

ORTE  
CONSTRUCTION



# Which of the following is true?

1. There is a Keep Left sign.
2. There are 5 lanes of traffic.
3. There are right and left turn lanes.
4. No left-turning vehicles are approaching.
5. There is a traffic signal light.



PACIFIC  
TRACE

ONE WAY

DAKOTA S

YIELD





# A sign not present here is:

1. Pedestrian crossing
2. Yield
3. One-way

# Skill Enhancement *RiderCourse*

## 3 Components

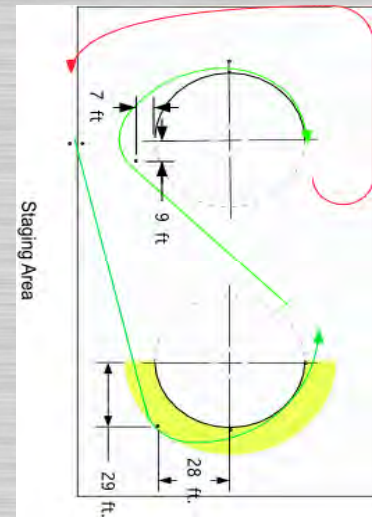
- Range exercises
- Roadside discussions
- Classroom activities

## Range Exercises

- 9 range exercises
- 8:2 rider/RiderCoach ratio
- Full-size range
- Excellent surface
- Extra runoff areas

## Other Features

- Special RiderCoach Certification
- Complementary Classroom Component
- *Physics of Motorcycling*



# Skill Enhancement *RiderCourse*

## Group Discussions

1. Ready to Learn
2. Rules of Proficient Braking
3. Introduction to Traction Management
4. Cornering Inputs & Traction
5. Taking It with You

**Harmful:**  
**Risk & Rewards**

**Safe:**  
**Mobility and Rewards**



# On-Road *RiderCourse*

## 3 Components

- Recent BRC graduate
  - *Introduction to Street Riding*
- Riders with some street experience
  - *Street Riding Techniques*
- Group riding for experienced riders
  - *Group Ride Techniques*





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Ray Ochs

# Training Systems

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**Thank You!**

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