



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 •

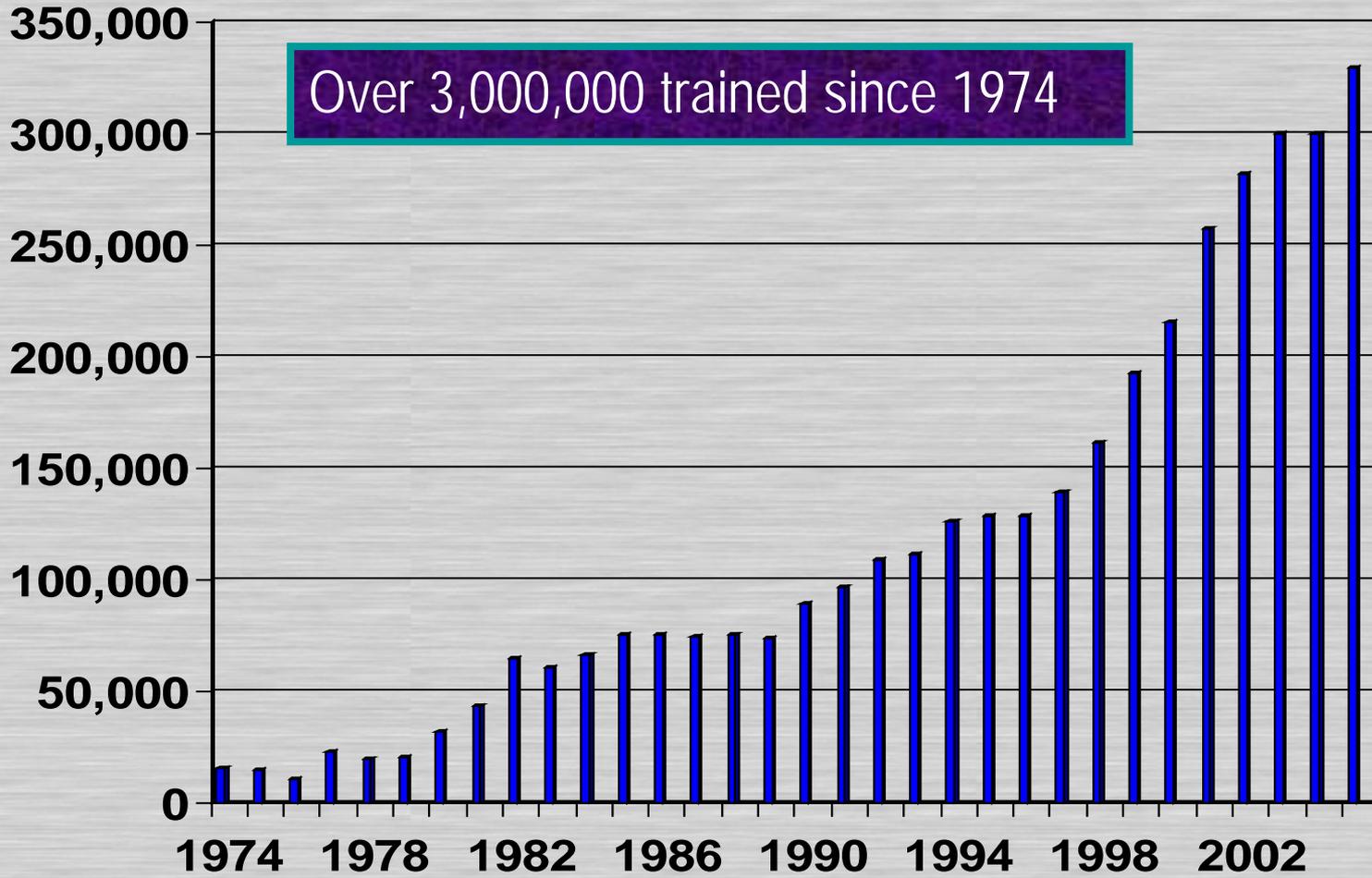
- Get trained and licensed
- Be a lifelong learner
- Wear protective gear
- Ride unimpaired
- Ride within personal limits





Motorcycle Safety Foundation

TOTAL RIDERS TRAINED





Rider Education and Training System

- **OVERALL STRATEGY** ●

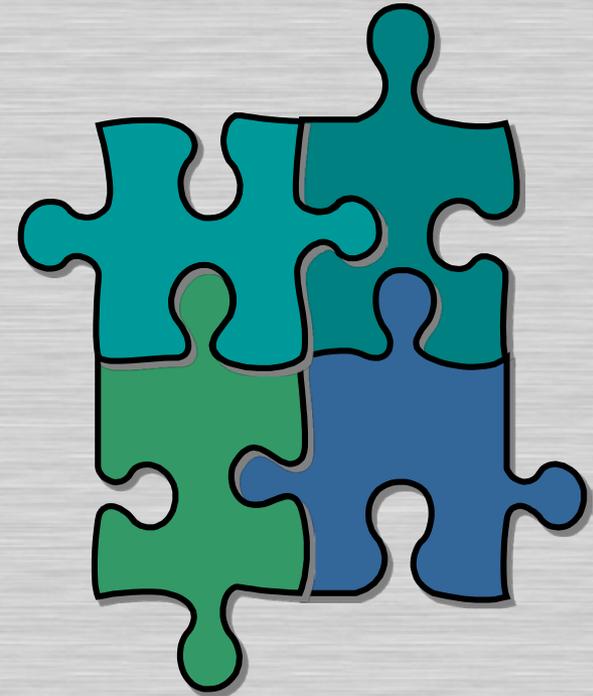
Engage motorcyclists in lifelong learning & provide opportunities for safety renewal





System Characteristics

- Comprehensive model
- Custom-tailored for riders
- New opportunities for RiderCoachesSM
- 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

PRELIMINARY PROGRAMS

HANDS-ON PROGRAMS

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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
-

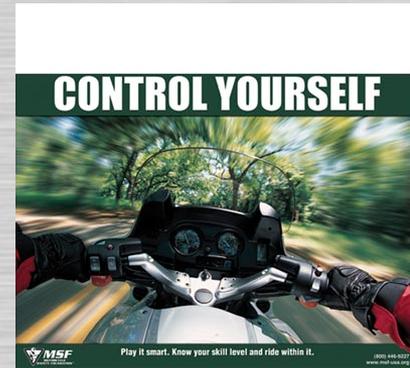
- 3
 - *Experienced RiderCourse Suite*
 - Skills Practice
 - License Waiver
 - Skills Plus...
-

- 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.





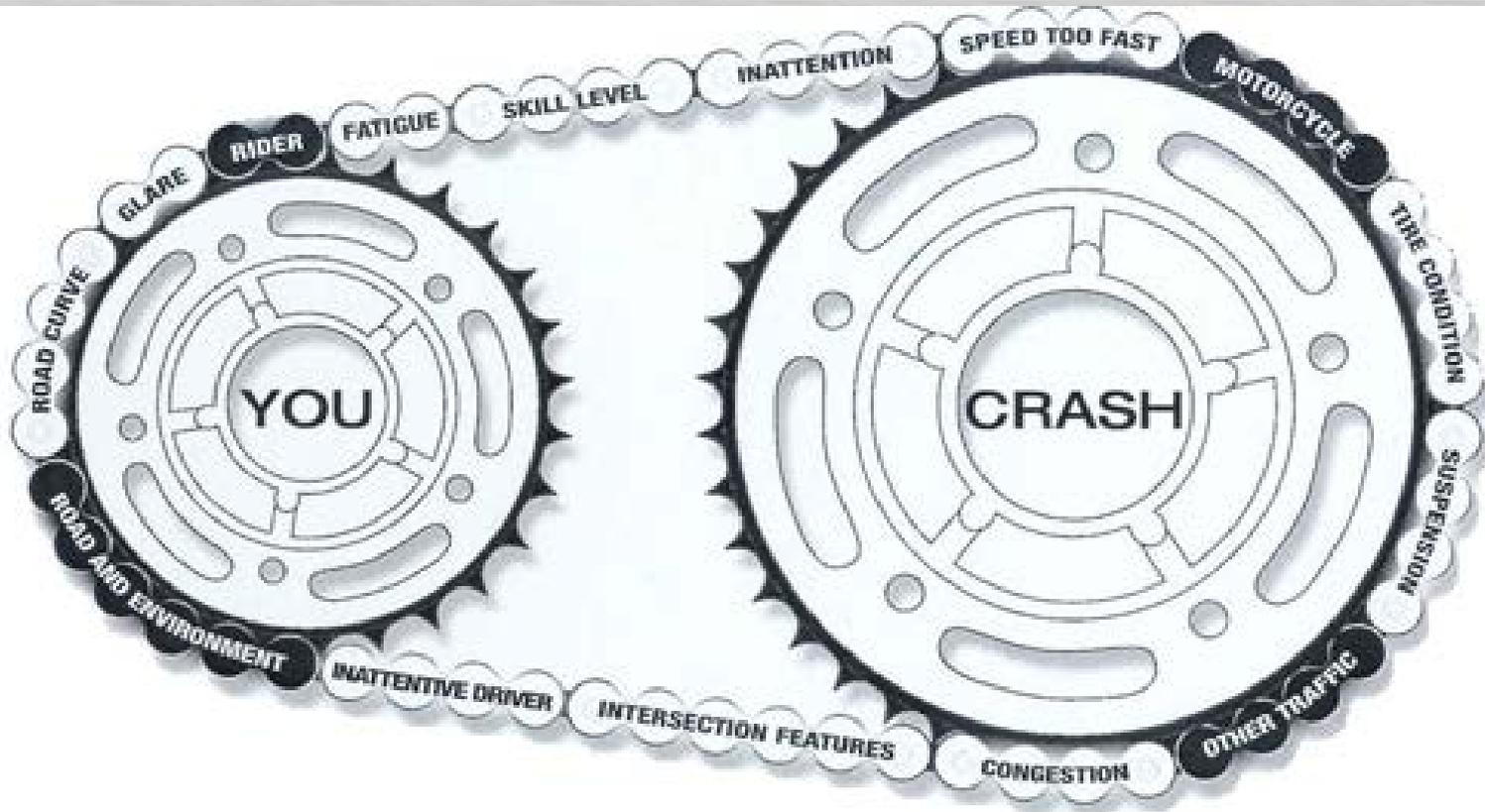
Risk Management



Ladder of Risk. Each rung of the ladder represents a factor. More factors result in more risk; fewer factors result in less risk. Good riders keep the number and significance of factors in check.



Multiple Factors



Crash Chain

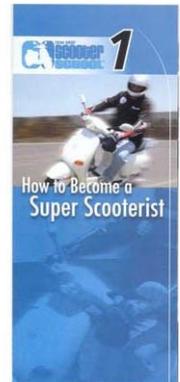
Here's one time when breaking a chain is a good thing. In this diagram, factors from four categories (dark links) interact to form a chain of events that link you to a crash.

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**



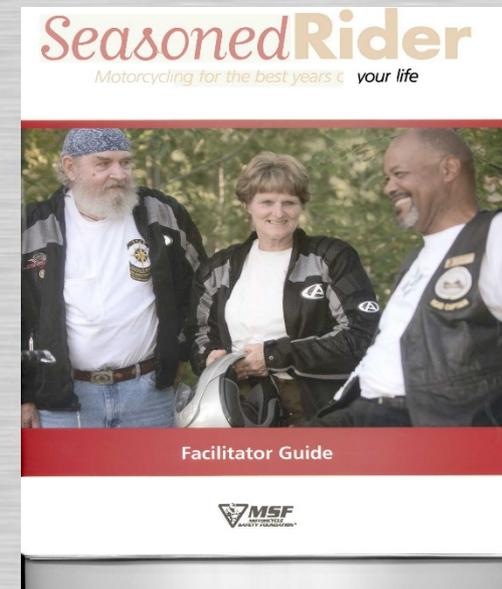
Introduction to Trail Riding

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



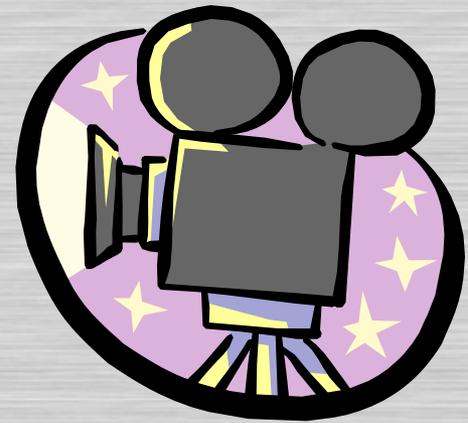
SeasonedRider Module

- **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

PRINCE MEDICAL PLAZA
MEDICAL OFFICE SPACE
FOR LEASE
2,473 - 3,174 sq. ft.
Call for more info
John Thomas
480-8855



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

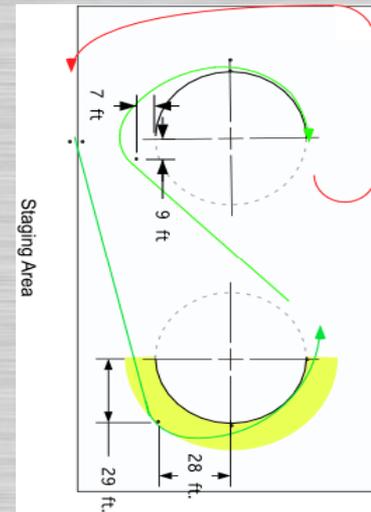
- Range exercises
- Roadside discussions
- Classroom activities

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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Thank You!

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