



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 •

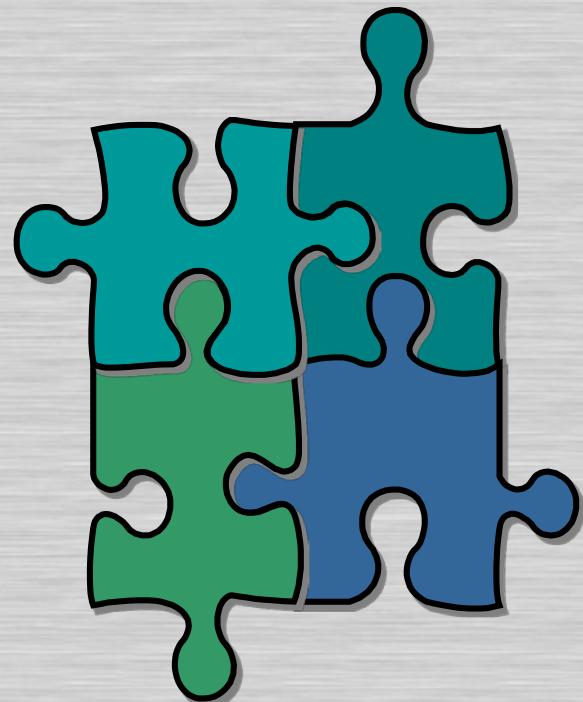
Engage motorcyclists in lifelong learning & provide opportunities for safety renewal





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	HANDS-ON PROGRAMS	CLASSROOM PROGRAMS	OTHER PROGRAMS	
<ul style="list-style-type: none">* Web-Based Safety Awareness & Training* (P '06) Self Assessment* Spokesperson* (A) Motorcyclist Awareness: Pre-Permit* Product Familiarization* (P '06) Introduction to Motorcycling	<ul style="list-style-type: none">* (A) Basic Course* (A) ERC Suite:* (A) Skills Practice* (A) License Waiver* (A) Skills Plus* (P'06) Skill Enhancement <i>RiderCourse</i>* (P'06) On-Road <i>RiderCourse</i>* (A) ScooterSchool 1* Dual Sport* (A) MILMO Military* (A) DirtBike School - Youth/Adult - CRE/OTS - DBS:Street Riders	<ul style="list-style-type: none">* (A & P '06) Motorist Awareness* M/C Maintenance<ul style="list-style-type: none">•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	<ul style="list-style-type: none">* Special Needs<ul style="list-style-type: none">•General•By Course* Referrals<ul style="list-style-type: none">•Trailers•Sidecars•Trikes* Law Enforcement Training* First Responder<ul style="list-style-type: none">•Pro•Buddy	<ul style="list-style-type: none">* Non-Rider Awareness* Do Motorcycling Right* Peer Mentoring* Competition<ul style="list-style-type: none">• Adult• Youth• MX• Road Racing• Drag Racing

(A) AAMVA Licensing Assistance
•Premier Training Sites

(A) = Available Now
(P) = Priority



Available Now

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* (P'06) Self Assessment			* Non-Rider Awareness * Do Motorcycling Right * Peer Mentoring * Competition • Adult • Youth • MX • Road Racing • Drag Racing
* Spokesperson			
* (A) Motorcyclist Awareness: Pre-Permit			
* Product Familiarization			
* (P'06) Introduction to Motorcycling			
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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*
● *BCR 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*



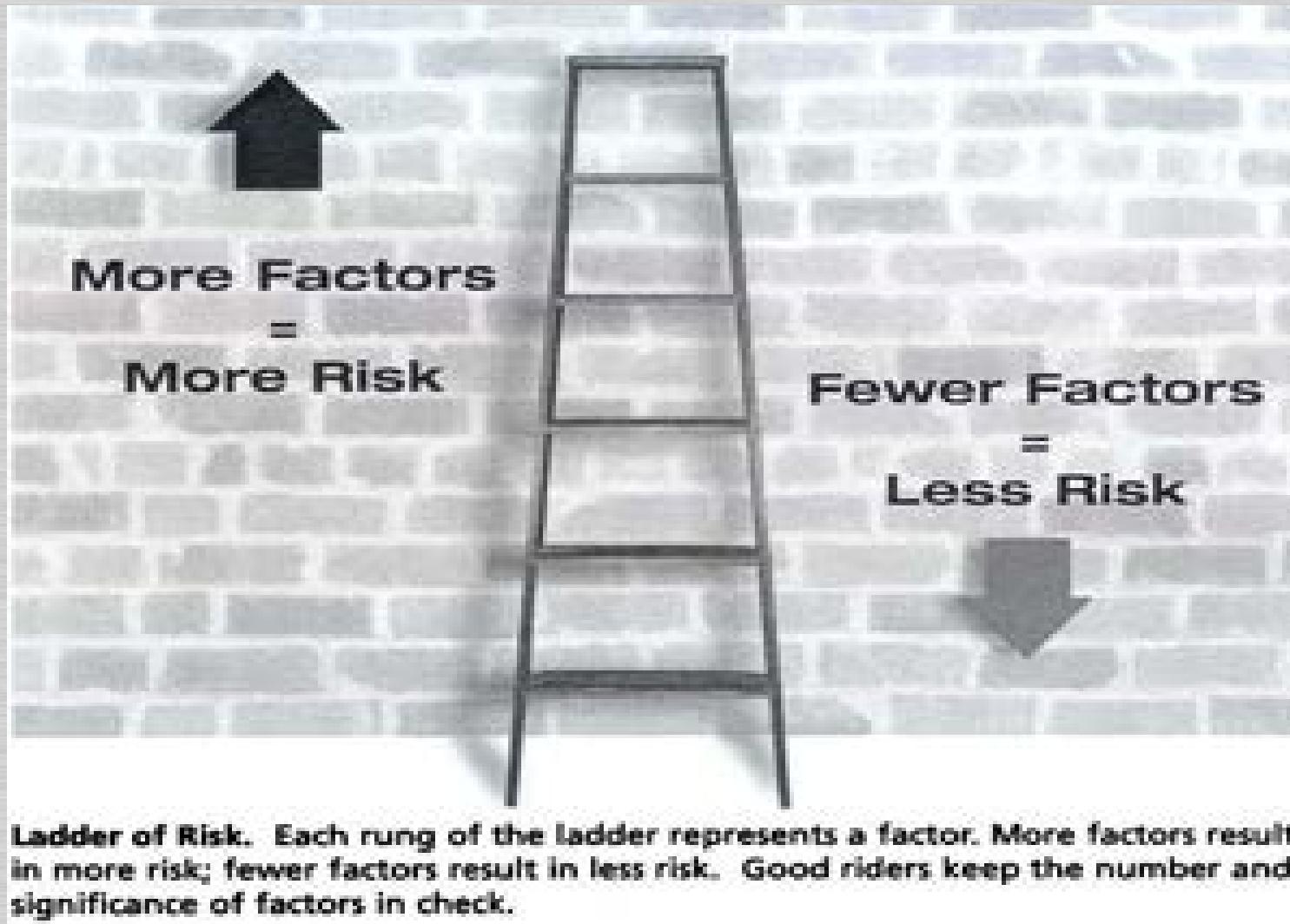
System's Core Themes

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.



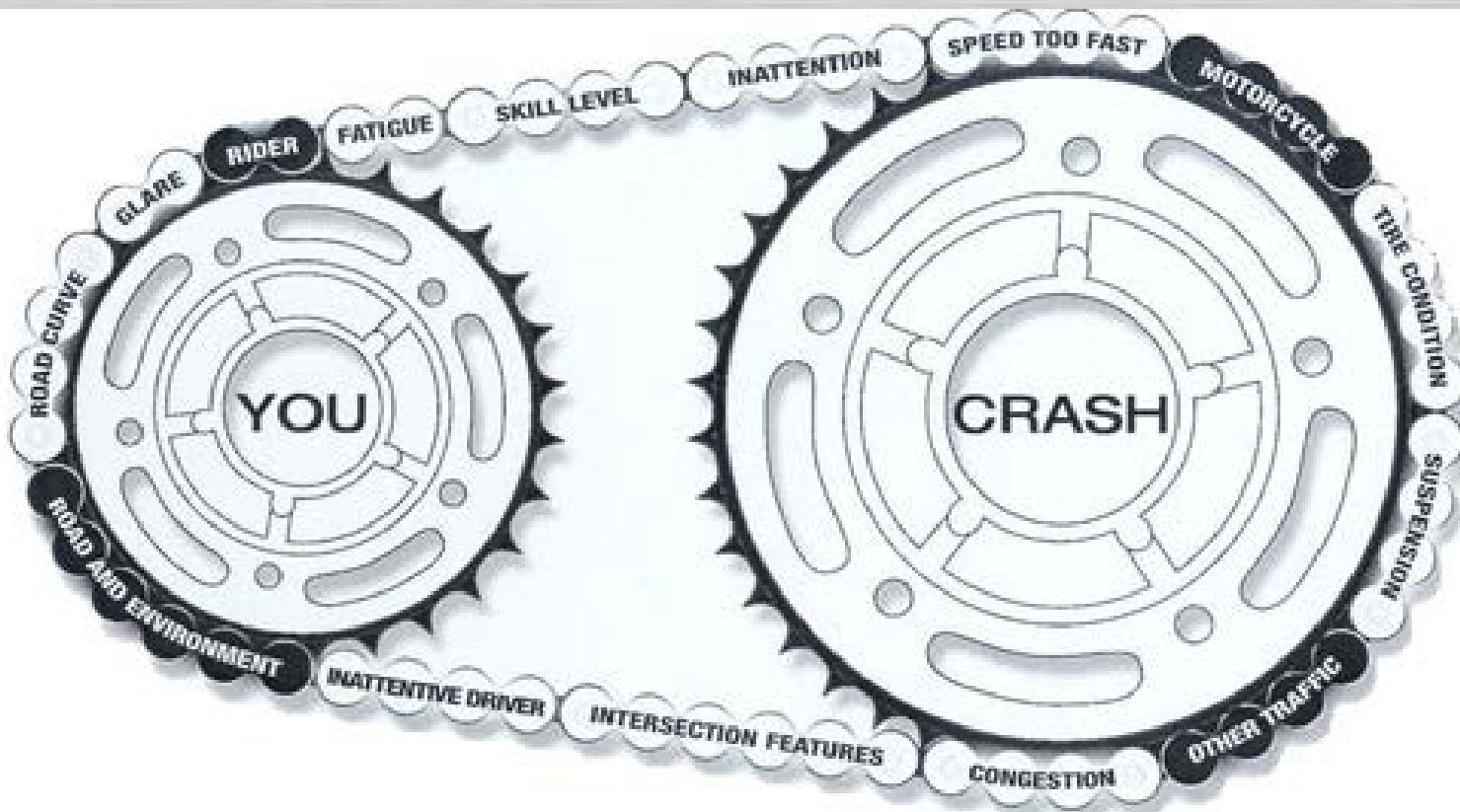


Risk Management





Multiple Factors



Crash Chain

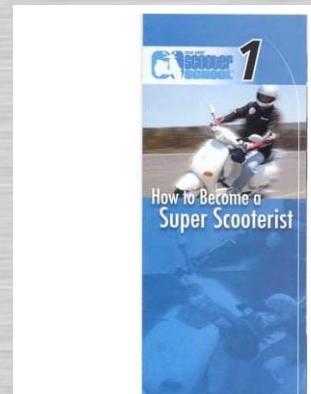
Here's one time when breaking a chain is a good thing. In this diagram, factors from four categories (dark links) interact to form a chain of events that link you to a crash.

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**



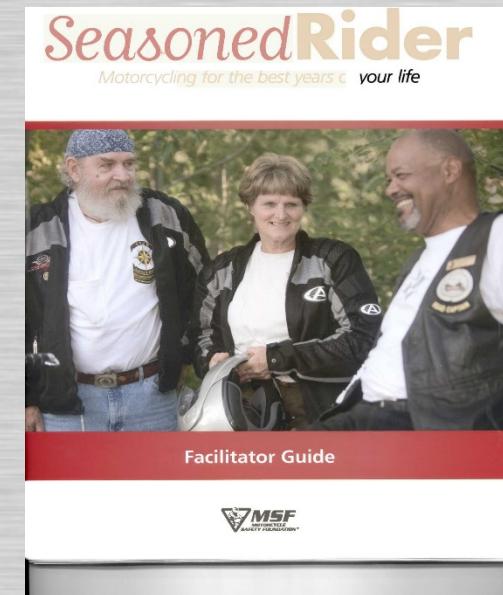
Introduction to Trail Riding

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



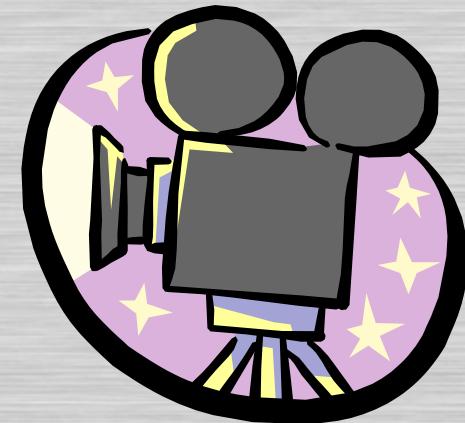
SeasonedRider Module

- 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





PARKWAY MEDICAL PLAZA
MEDICAL OFFICE SPACE
FOR LEASE
2,073 - 3,124 SF
Charlie Van Sickle
Jonah Thomas
458-8855

American Nevada

SURGICAL &
PHYSICIANS' OFFICE
CONSTRUCTION



The potential hazard here is:

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



STOP

TOP

VALLEY



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.

DAKOTA S



ONE WAY

PACIFIC
TRACE



A sign not present here is:

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

Skill Enhancement *RiderCourse*

3 Components

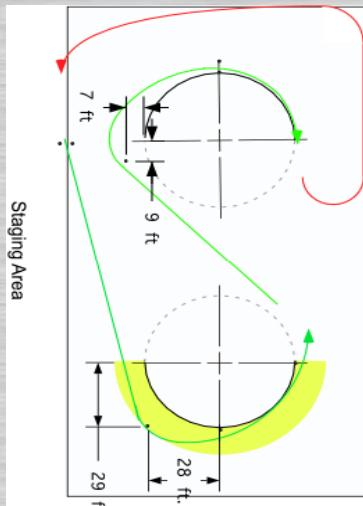
- Range exercises
- Roadside discussions
- Classroom activities

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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