Rider Education and Training System

RETS UPDATE

International Motorcycle Safety Conference
March 2006

Ray Ochs, MSF Director of Training Systems
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

Over 3,000,000 trained since 1974

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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℠
- Flexibility for jurisdictions
THEN  

2-Course Approach
- Basic
- Advanced

NOW

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

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### 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
- Non-Rider Awareness
- Do Motorcycling Right
- Peer Mentoring
- Competition
  - Adult
  - Youth
  - MX
  - Road Racing
  - Drag Racing
- Law Enforcement Training
- First Responder
  - Pro
  - Buddy
- (A) AAMVA Licensing Assistance
  - Premier Training Sites

(A) = Available Now
(P) = Priority
# 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.

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Risk Management

More Factors = More Risk

Fewer Factors = Less Risk

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?
• 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
The potential hazard here is:

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

Other Features

• Special RiderCoach Certification
• Complementary Classroom Component

Range Exercises

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

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

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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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