

# Motorcycle Training Instructor

## COURSE PURPOSE:

The purpose of this course is to prepare the motorcycle officer to conduct at POST Motorcycle Training and field orientation. This includes lectures, practical exercises, and role playing.

## I. INTRODUCTION / OBJECTIVES

### A. Introduce program and instructors

1. Staff and Student Introductions
2. Safety Protocols
3. Legal Issues

### B. Expectations of students

1. Explain outline of the program
2. Requirements to pass program

### C. Adult Learning Concepts

1. Learning defined
2. Differences between child and adult learning
3. Multiple learning styles of adult learners
4. Ways to determine different learning styles
  
5. Laws of learning and how they apply to training
6. Differences and/or factors that impact the learning process

7. How motivation effects learning
8. Causes and possible responses to “Learning Plateaus”
9. Conditions that facilitate adult learning

D. Performance Evaluation Techniques

1. Scoring of daily evaluation sheets
2. Scoring of the Basic Skills Test Evaluation

E. Written, Oral and/or Demonstration Assessment

1. In each topic area

## **II. MOTORCYCLE AND EQUIPMENT INSPECTION**

A. Familiarization and inspection of personal safety equipment

1. Identify wear & serviceability of personal safety equipment

B. Inspection of motorcycle and related parts

1. Inspect wear & serviceability of motorcycle components
2. Motorcycle Maintenance

### **III. MOTORCYCLE FAMILIARIZATION**

#### A. Motorcycle Nomenclature

1. Component identification
2. Proper starting procedures

#### B. Motorcycle Maintenance

1. Identification and Inspection of Rider Related Items

### **IV. MOTORCYCLE SKILLS**

#### A. Basic Operation

1. Motorcycle lift and backing
2. Synchronization of clutch and throttle
3. Coordinate position of body head and eyes

#### B. Defensive riding

1. Identifying potential hazards

#### C. Incline Work

1. Clutch and Throttle Control
2. Figure Eight Pattern
3. Short Cone Weave

#### D. Pull Outs

1. Turn Against a Barricade (Level Surface)
2. Turn Against a Barricade (Incline and Decline)

E. Street Riding Techniques

**V. CONE PATTERNS**

A. Explanation and Demonstration

B. Smooth control and operation of the motorcycle

1. Clutch and throttle control
2. Head and eye coordination
3. Body position

**VI. BRAKING**

A. Braking demonstrations

1. Combination braking
2. Braking with ABS equipped motorcycle
3. Decelerate from 40 mph within 83 feet

B. Various braking conditions

1. Sudden course changes while braking
2. Surface appraisal

**VII. CONE WEAVE**

A. Collision Avoidance

1. Explanation of proper counter-steering techniques.
2. Weave through seven coned gates, 36 feet apart, at 30 mph.

**VIII. TRACK RIDING / APEXING**

- A. Lane position, speed and following distance
- B. Proper apexing
- C. Proper use of brakes and gear selection
- D. Proper overall control of the motorcycle at speed

**IX. LESSON PLANS / LECTURE**

- A. Lesson Plan Assignments
  1. Assign individual topics to Student Instructors
- B. Instructor Lectures
  1. Staff instructors present lecture topics

**X. PROFICIENCY TEST**

- A. Skills Testing of Student Instructors

1. Student instructors must show smooth operation and control of the motorcycle while performing slow speed cone patterns.
2. Student instructors must show proficiency in the 40 mph decel and 30 mph cone weave.

## **XI. PRESENTATION OF BASIC COURSE BY STUDENT INSTRUCTORS**

### **A. Student Instructors Present Basic Motorcycle Course to Basic Students**

1. Explain and Demonstrate Slow Cone Patterns
2. Explain and Demonstrate 40 mph Decel and 30 mph Cone Weave
3. Identify potential hazards
4. Evaluation and Critique of Basic Student's Performance
5. Staff Evaluation and Critique of Student Instructor's Performance

## **XII. STUDENT INSTRUCTOR LECTURES AND CRITIQUE**

A. Lecture Topics

1. Proper lane position for maximum safety
2. Identify potential hazards
3. Residential vs. Business districts
4. Freeway vs. Urban areas
5. Mountain and canyon roads
6. Riding in pairs and groups
7. Pursuits
8. Enforcement Stops

**XIII. STUDENT INSTRUCTOR CRITIQUE**

- A. Basic Students evaluate and critique Student Instructors
- B. Staff's critique of Student Instructors