

LOS ANGELES POLICE DEPARTMENT

1850-32550

Motorcycle Training Expanded Course Outline

Instructional Goal: To provide the student with an understanding of basic police motorcycle riding: focusing on safety and proper motorcycle / control manipulation.

Performance Objectives: Students will utilize riding techniques that are demonstrated by instructors and participate in the testing of those skills. The following concepts will be taught:

- Individual safe riding techniques.
- Pair safe riding techniques.
- Group safe riding techniques.

Learning Activities: Instructor discussions, knowledge test, to test student's comprehension of the information covered. Daily motorcycle instruction is conducted on a paved area, street traffic, and freeway driving. Continued evaluation for the Basic Rider Skills consists of skills test.

Student Assessment: The students are evaluated daily in established categories and determined to be at a "proficient", "needs improvement", or at a "failing" level.

- The student must demonstrate a working knowledge of, as well as the ability to perform specific exercises in, the following areas:
 - Basic nomenclature and location of all police motorcycle controls.
 - Basic maintenance routine of the school motorcycle.
 - Utilizing correct hand signals and other signaling methods.
 - Proper motorcycle position while riding in "single file", "columns of two", or "columns of three".
- Consistent evaluated levels of "failing", and/or the failure to attain a "proficient" level rating will result in removal from school.

References: Instructors, facilitators and training supervisors shall ensure that current references are utilized

Day 1

I. INTRODUCTIONS & COURSE ADMINISTRATION (2hours)

- A. Instructor / Cadre Introductions
 - 1. Background
 - 2. Experience
- B. Overview of Motorcycle Training
 - 1. Objectives and Goals
 - a. Expectations
 - b. Policies

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- c. Procedures
 - d. Safety Briefing
 - 2. Course Outline
 - a. Review testing expectations
 - b. Schedule of learning blocks
 - C. Course Administration
 - 1. POST Roster
 - 2. Expectations / Course Rules
 - 3. Facility layout
- II. INTRODUCTION TO SCHOOL MOTORCYCLE / RIDING (2 hours)**
- A. Introduction to school motorcycle
 - 1. Familiarization of controls
 - 2. Proper seating position
 - B. Basic Motorcycle manipulation testing
 - 1. Motorcycle pick up
 - 2. Motorcycle back up
 - 3. Initial safety ride
- III. BASIC MAZE PRACTICE (3 hours)**
- A. Introduction to Motor School Exercises
 - 1. Basic maze practice (1 – 4, figure 8)
 - B. Introduction to Combination Braking
 - 1. 30 min PowerPoint
 - 2. Braking practice
- IV. INTRODUCTION TO DIRT RIDING (1 hour)**
- A. Introduction to dirt manipulation
 - 1. Proper technique
 - 2. Beginning trailing

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Day 2

V. MOTORCYCLE RIDING (5 hours)

- A. Motor School Track Riding
 - 1. Trailing
 - 2. Practice introduced mazes
 - 3. Introduce new exercises (60' circle / Switchbacks)
 - 4. Introduce new mazes (5 – 6)
 - 5. Introduce new exercise (Cone Threading)

VI. BRAKING (1.5 hours)

- A. Braking practice
 - 1. Introduction to D-Cell U-Turn exercise
 - 2. Braking practice

VII. DIRT RIDING (1.5 hours)

- A. Dirt exercises
 - 1. Dirt Trailing
 - 2. Introduce 90-degree Slide exercise

Day 3

VIII. MOTORCYCLE RIDING (5 hours)

- A. Motor School Track Riding
 - 1. Trailing
 - 2. Practice introduced mazes
 - 3. Introduce new mazes (Challenger / Hillside)
 - 4. Introduce new exercise (30mph Counter Steering Cone Weave)
 - 5. Introduce 90-degree hard surface slide
 - 6. Practice all introduced mazes

IX. BRAKING (1 hour)

- A. Braking practice
 - 1. Braking practice
 - 2. Introduction to team start braking

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X. DIRT RIDING (2 hours)

- A. Dirt exercises
 - 1. Dirt trailing
 - 2. Practice 90-degree Slide exercise
 - 3. Introduce 180-degree Slide exercise

Day 4

XI. MOTORCYCLE RIDING (3 hours)

- A. Motor School Track Riding
 - 1. Trailing
 - 2. Practice introduced mazes
 - 3. Introduce new exercise (Monster)
 - 4. Introduce new maze (Hillside Figure 8)
 - 5. Introduce new exercise (Lane Selector)
 - 6. Practice all introduced mazes and exercises

XII. ROAD COURSE (1 hour)

- A. Road Course Introduction
 - 1. Road Course Lecture (PowerPoint)
 - 2. Road Course demonstration and practice

XIII. DIRT RIDING (2 hours)

- A. Dirt Exercises
 - 1. Dirt Trailing
 - 2. Practice 180-degree Slide exercise
 - 3. Introduce new competition exercise (Dirt TT's)

XIV. BRAKING (2 hours)

- A. Braking practice
 - 1. Braking practice
 - 2. Non-ABS Brake Test
 - a. Speed and number of attempts will be determined by braking instructor.

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Day 5

XV. MOTORCYCLE RIDING (5 hours)

- A.** Motor School Track Riding
 - 1. Trailing
 - 2. Practice all introduced mazes
 - 3. Practice Monster exercise

- B.** Maze Pre-Test
 - 1. One attempt per student for proper completion
 - 2. Tested mazes (Maze 5 / Maze 6 / Hillside / Challenger / Hillside Figure 8 / 60' circle)

XVI. BRAKING (1.5 hours)

- A.** Braking Pre-Test
 - 1. 40 mph. Number of attempts will be determined by braking instructor.

XVII. DIRT RIDING (1.5 hours)

- A.** Dirt Exercises
 - 1. Dirt Trailing
 - 2. Dirt TT's practice

Day 6

XVIII. MOTORCYCLE RIDING (5 hours)

- A.** Motor School Track Riding
 - 1. Practice all introduced mazes

- B.** Maze Test
 - 1. Tested mazes (Maze 5 / Maze 6 / Hillside / Challenger / Hillside Figure 8 / 60' Circle)
 - a. Must be performed as demonstrated
 - b. 3 possible attempts
 - c. If unable to complete after 3rd attempt, immediate remediation by instructor.
 - d. Final attempt allowed. If student does not complete as demonstrated, removed from school.

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- C. Monster Competition Final
 - 1. Student activity
- D. Dirt TT's Competition Final
 - 2. Student activity

XIX. BRAKING (2 hours)

- A. Braking Test
 - 1. 40 mph. Number of attempts will be determined by braking instructor.

XX. INTRODUCTION TO POLICE MOTORCYCLE / RIDING (1 hour)

- A. Introduction to school motorcycle
 - 1. Familiarization of controls
 - 2. Proper seating position
 - 3. Basic trailing

Day 7

XXI. MOTORCYCLE RIDING (5 hours)

- A. Motor School Track Riding
 - 1. Trailing
 - 2. Introduce new exercises (Full Dress Motorcycle Transitional Exercises)
 - 3. Introduce new mazes (Maze 7 / Maze 8 / Snowman / Keyhole / X-Factor)
 - 4. Introduce new competition (Top Gun)

XXII. ROAD COURSE (2 hours)

- A. Road Course Practice

XXIII. BRAKING (1 hour)

- A. Braking Practice
 - 1. Introduce reaction light

Day 8

XXIV. MOTORCYCLE RIDING (3 hours)

- A. Motor School Track Riding
 - 1. Practice all introduced mazes

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2. Top Gun competition final

XXV. ROAD COURSE

(3 hours)

- A. Road Course
 1. Road Course Qualification
 - a. 2 attempts for proper time and score.
 - b. If the student is unable to obtain a proper time / score there will be immediate remediation.
 - c. One final attempt after remediation. If the student is unable to obtain a proper time / score, the student will be removed from school.

XXVI. VEHICLE PULLOVER

(2 hours)

- A. Vehicle pullover lecture and demonstration.
 1. Vehicle pullover lecture given on track
 2. Vehicle pullover practice

Day 9

XXVII. MOTORCYCLE RIDING

(3 hours)

- A. Motor School Track Riding
 1. Trailing
 2. Practice introduced mazes
- B. Maze Test
 1. Tested mazes (Maze 7 / Maze 8 / Snowman / X-Factor)
 - a. Must be performed as demonstrated
 - b. 3 possible attempts
 - c. If unable to complete after 3rd attempt, immediate remediation by instructor
 - d. Final attempt allowed. If student does not complete as demonstrated, removal from school.
- C. High Speed Riding
 1. High Speed pairs riding
 2. High speed group riding

XXVIII. OFF SITE RIDE

(4 hours)

- A. Off-site group street ride

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1. Surface street only. No freeway uses.

XXIX. SAFE RIDING LECTURE (1 hour)

- A. Classroom PowerPoint
1. Class discussion

Day 10

XXX. OFF SITE LONG FREEWAY RIDE (7 hours)

- A. Established route
1. LAPD Edward M. Davis Training Facility, 405 Fwy, 118 Fwy, 23 Fwy, Decker Canyon Road-23, Pacific Coast Highway-Cal#1, 10 Fwy, 405 Fwy, LAPD Edward M. Davis Training Facility.
 2. Observe and review the following riding techniques with student.
 - a) Riding in pairs and squads
 - b) Hand signals
 - c) Following distance
 - d) Lane position
 - e) Hazards (i.e. debris, fluids, etc.)
 - f) Head checks
 - g) Riding in pairs. Riding in squads
 - h) On and off-ramp procedures
 - i) Merging with traffic
 - j) Lane positioning
 - k) Turns/ lane changes
 - l) Following distances

XXXI. FINAL REVIEW AND CRITQUES (1 hour)

- A. Student discussion
1. Questions
 2. Evaluations