

**HIBBING COMMUNITY COLLEGE
COURSE OUTLINE**

COURSE TITLE & NUMBER: Traffic Enforcement: LAW 2421

CREDITS: 3 (1 Lec / 2 Lab)

PREREQUISITES: LAW 1512: Traffic Law or Instructor Approval

CATALOG DESCRIPTION:

Traffic Enforcement covers instruction and practical experience in radar operation, accident investigation, radio procedures, and defensive/evasive driving.

OUTLINE OF MAJOR CONTENT AREAS:

- I. Radar operation
 - A. History
 - B. Principles of operation
 - C. Licensing
 - D. Operational requirements
 - E. 10 step standard set up
 - F. Practical application
 - 1. Moving mode
 - 2. Stationary mode
 - G. Records/reports
 - H. Courtroom testimony preparation
- II. Radio procedure
 - A. 10 - code
 - B. Phonetic alphabet
 - C. Standard of operation
 - D. Logs/records
 - E. Practical application
- III. Accident investigation
 - A. State accident report form
 - 1. Codes
 - 2. Definitions
 - 3. Standards of utilization
 - B. Collision information
 - 1. Observations and interpretations
 - 2. Definitions and terms
 - C. Measurements and diagrams
 - 1. Purposes
 - 2. Methods
 - a. Baseline
 - b. Triangulation

3. Reference points
4. Equipment
5. Field sketch
6. Scale diagrams
 - a. 1.10
 - b. 1.20
- D. Photography
 1. Photos for accident information
 - a. Why/which/what/how
 2. Methods
 - a. Walk-through
 - b. Compass
 3. Logs and records
- E. Accident formulas
 1. Symbols and basic formulas
 - a. Drag factor
 - b. Minimum speed
 - c. Radius
 2. Practical application
 - a. Controlled test skid
 - b. Field sketches
 - c. Measurements
- F. Use of template
 1. Principles
 2. Functions
 3. Practical application
- IV. Defensive/evasive driving
 - A. Legal aspects
 1. Definitions
 2. Minnesota statutes
 3. Civil/criminal liability
 - a. Department policies
 - b. Training
 4. Use of force
 - a. State statutes
 - B. Non-emergency operations
 1. Foundation of good habits
 2. The human factor
 3. Maintaining top vehicle performance
 4. Basic vehicle operations
 5. High risk maneuvers
 6. Environmental factors
 - C. Emergency operations
 1. Effects on driver
 2. Vehicle operations
 3. Use of equipment

- 4. Route selection
- 5. Collisions
- D. Pursuits
 - 1. Foundation
 - 2. Initiating pursuit
 - 3. Pursuit tactics
 - 4. Terminating
 - 5. Pursuit reporting
 - a. Minnesota statutory mandates
- E. Vehicle dynamics: Law of motion (Physics)
 - 1. Force
 - 2. Gravity
 - 3. Other
- F. Practical application
 - 1. Backing
 - 2. Controlled braking
 - 3. Evasive maneuvers
 - 4. Parking
 - 5. Serpentine
 - 6. Turn arounds
- V. Inspection
 - A. Stand inspection

COURSE GOALS/OBJECTIVES/OUTCOMES:

Students will

1. demonstrate proper equipment (pens, notebook, etc.).
2. demonstrate uniform cleanliness.
3. demonstrate uniform completeness.
4. display appropriate hair style, shave.
5. follow inspection procedures (policy 10.04).
6. cite probable cause, stop/arrest elements.
7. cite RADAR acronym.
8. cite traffic accident investigation fundamentals.
9. complete and maintain various logs, records, and reports.
10. define "DOPPLER" principle and specialized terminology.
11. define contact and induced damage.
12. define defensive driving and police liability.
13. demonstrate accident information collection.
14. demonstrate accident rough sketch.
15. demonstrate accident scene measurements.
16. demonstrate correct radar operation.
17. demonstrate emergency/evasive driving.
18. demonstrate Minnesota Accident Report form completion.
19. demonstrate physical evidence collection.
20. demonstrate proper stopping/approach techniques.

21. demonstrate proper radar set-up and calibration.
22. demonstrate traffic control hand signals.
23. demonstrate traffic flare use.
24. demonstrate traffic template scale drawing.
25. describe radar function.
26. develop standard radio disciplines.
27. display dependability by performing assigned tasks.
28. evaluate accident location human behavior.
29. exhibit professionalism performing scenarios.
30. explain requirements of Federal Communications Commission license.
31. identify operating site elements.
32. interpret opinion/factual date.
33. perform "compass" photo method.
34. perform "routine" traffic stop.
35. perform assigned tasks.
36. perform radar operation.
37. perform walk-thru photo method.
38. practice emergency/evasive driving.
39. prepare 1":10' & 1":20' scale drawings.
40. use proper transmitting and receiving techniques.
41. write proper forms and citations.
42. demonstrate ability to perform backing.
43. demonstrate ability to perform controlled braking.
44. demonstrate ability to perform evasive maneuvers.
45. demonstrate ability to perform parking.
46. demonstrate ability to perform serpentine.
47. demonstrate ability to perform turn arounds.
48. demonstrate basic understanding of vehicle dynamics by performing maneuvers and controlling skids.
49. demonstrate knowledge and understanding of MN statues 169 as to what constitutes an emergency vehicle.
50. demonstrate proper method of conducting an inspection of the emergency vehicle.
51. demonstrate understanding of MN statue 169 in reference to special privileges for emergency vehicles.
52. demonstrate understanding of the civil liability and legal ramifications of operating an emergency vehicle.
53. demonstrate the ability to operate the appropriate vehicle in an appropriate manner by completing a driving course.
54. identify human dynamics and driver attitudes which affect the driver of an emergency vehicle.
55. identify individual department policies pertaining to emergency vehicles.
56. identify legislative mandates pertaining to emergency vehicle operation.
57. identify liability pertaining to emergency vehicle operation.
58. identify reporting form pertaining to emergency vehicle operation.
59. identify use of force pertaining to emergency vehicle operation.

MNTC GOALS AND COMPETENCIES MET:

N/A

HCC COMPETENCIES MET:

Working Productively and Cooperatively
Communicating Clearly and Effectively
Thinking Creatively and Critically
Social/Civic Responsibility

STUDENT CONTRIBUTIONS:

Each student is expected to spend at least 5 hours per week preparing for class, attend all lectures, participate in class activities, participate and implement input into class discussions, and hand in outside assignments when due.

**STUDENT ASSESSMENT SHALL TAKE PLACE USING INSTRUMENTS
SELECTED/DEVELOPED BY THE COURSE INSTRUCTOR.**

**SPECIAL INFORMATION: (SPECIAL FEES, DIRECTIVES ON HAZARDOUS
MATERIALS, ETC.):**

We cannot plan, and subsequently establish training for every conceivable eventuality or situation which an officer will confront. However, we intend to increase awareness of risks and show various tactics at a basic entry level with the understanding that procedures may change from department to department.

AASC APPROVAL DATE:	October 19, 2011
REVIEW DATE:	October 2016

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