COURSE OUTLINE

Course No. : CDI 2
Course Title : TRAFFIC MANAGEMENT & ACCIDENT INVESTIGATION
Credit Unit : 3 Units

Scope and Objectives:

Study of traffic safety education, enforcement, engineering techniques in vehicular and pedestrian direction and control, techniques in point and inter recreational vehicle-volume determination for emergency and priority control. Study of the different traffic decrees, codes, national and local levels, techniques in selective enforcement, preparation of plans and policies for special and emergency traffic situations, methods and procedures in the use of the hand signals and electrical signal lights, techniques in accident investigation, determination of reaction time and brake-in-time application of scientific aids in hit-and-run cases.

Recommended Textbooks/ References:


OUTLINE OF THE COURSE

Contents  No. of Hours

I. History of Transportation
   1. Manpower, animal power and wind power 3
   2. Roads and vehicle history 2
   3. Traffic engineering 2
   4. Traffic education 2
   5. Traffic enforcement 2
   6. Traffic accident analysis 2.5

II. Traffic law enforcement, traffic signs and traffic accident violations
   1. Background of traffic law enforcement 1.5
   2. Traffic signs 2
   3. Pavement markings 2
   4. Traffic light system 2
   5. Major phases of enforcement 2
   6. Traffic accident violation 2
   7. Point of area of control of traffic 2

III. Signals and gestures in traffic
   1. Presentation command of traffic 2
   2. Gestures 3
IV. Police traffic control, methods and procedure in accident investigation
   1. Purpose of police traffic control  
   2. Steps in police traffic control  
   3. Traffic analysis  
   4. Enforcement tolerance  
   5. The enforcement program  
   6. Steps in traffic accident investigation  
   7. Intersection traffic control  
   8. Examination of recorded vehicle  
   9. Protection of pedestrian  

   1.5  

   1.5  

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