Introduction: Driver Task Analysis

HED 302s

Dale O. Ritzel, Ph.D., FAASE
Professor Emeritus, Safety Center
Southern Illinois University Carbondale

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ADTSEA Teacher Preparation Curriculum
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Driver Task Analysis

- Rules and Regulations
- Forms as required
- Classroom requirements
- Laboratory requirements
- Grading requirements
- Attendance requirements
- Scheduling requirements
- Reading Assignments
Traffic Fatalities

- 65% OF ALL FATALITIES WERE MALES.
- 18 YEAR OLDS HAD THE HIGHEST RATE OF FATALITIES. RATE DROPS RAPIDLY FROM 24 TO 65 THEN AGAIN RISES SHARPLY.
- TWO OF THREE FATALITIES WERE DRIVERS
- 74% OF FATALITIES ONLY INVOLVED AUTOMOBILES
- 47% WERE SINGLE VEHICLE CRASHES
- SINGLE VEHICLE CRASHES ACCOUNTED FOR 52% OF OCCUPANT FATALITIES

Illinois Traffic Fatalities – ISP Check the Illinois State Police Web site to review traffic deaths in Illinois

National Highway Traffic Safety Administration Check the NHTSA Web site to view traffic safety issues, injuries and fatalities.
Traffic Fatalities

• 51% OF FATALITIES INVOLVED FRONTAL CRASHES, 30% SIDE IMPACT, 8% ROLLOVER, 4% REAREND, 4% TOP/ UNDER-SIDE AND 3% UNKNOWN.

• 48% OCCURRED BETWEEN 3 p.m. AND MIDNIGHT, WITH SATURDAYS THE MOST DANGEROUS DAY OF THE WEEK

• MOTOR VEHICLE DEATHS DROPPED 5.5% IN 1992 DUE PRIMARILY TO INCREASED USE OF SAFETY RESTRAINTS AND AIRBAGS.

* INSURANCE INSTITUTE FOR HIGHWAY SAFETY Check on this Web site to view detailed information about traffic crashes.
Assignment - Intersection Survey

• The next page specifies items you should be looking for in this completing assignment. From a position where you can safely observe, monitor and record the driving behaviors of shown on the next screen for a period of 30 minutes during a evening rush hour at each of two locations: 1) an intersection of a two lane through street and a two lane cross street where cross traffic is controlled by stop sign, 2) an intersection of two, two-way streets where traffic movement is controlled by a traffic signal light.

• Diagram and identify the location.

• Development of a intersection scoring sheet would probably be helpful to you.
Intersection Exercise

Number of Cars

• Cars Stopping
• Cars Not Stopping
• Drivers wearing seatbelts
• Drivers not wearing seatbelts
• Cars Signaling
• Cars Not Signaling