

Analysis of Collisions involving Pedestrians

The Analysis of Pedestrian Involved Collisions course offers the collision reconstructionist an opportunity to explore, in depth, concepts and relationships between trajectories, pedestrian motion in collisions and methods of approximating impact speeds based on a variety of long established models or equations. Based on a history of the longest offered pedestrian collision analysis program going back as far as the late 80's, the course material is based on actual crash tests and a variety of methods of analysis not just a single "easy to use equation" with often misrepresented input.



Through in-class lecture as well as group and individual exercises, those attending this course will better understand the complexities of pedestrian involved collisions and the process of the appropriate models for finding impact speed. Vehicle documentation and measurement techniques as hands-on activities and calculation examples are used as in-class activities.



Major course topics include:

- Defining trajectory models
- Scene and vehicle documentation techniques
- Selecting appropriate models for an analysis of impact speed
- Excluding inappropriate models and recognizing the difference between the various publish equations/models
- ...and more



Tuition: \$750 (USD) per person

Contact to schedule this course: W. R. "Rusty" Haight