



**Association of Force Investigators**

**Course:** Introduction to Human Factors for Force Investigations and Analysis (3-Day)

**Certifying Entity:** Association of Force Investigators (AFI)

**Instructor:** Paul Taylor, Ph.D.

**Course Description and Objectives:** The 3-day *Introduction to Human Factors for Force Investigations and Analysis* certification course provides participants with an introduction to the latest human factors research and demonstrates how it can be applied to law enforcement use of force investigations and analysis. Participants are introduced to important human factors concepts like vision, perception, attention, decision-making, movement time, the influence of tools, tactics, and training, human error, and memory. The course culminates with participants applying these concepts to cases through a series of hands-on practical exercises. Participants will come away from the course with a basic understanding of the human factors concepts covered and will demonstrate the ability to apply these concepts to real world use of force cases.

The course is taught by Dr. Paul Taylor, who is a former law enforcement officer; the founder of the Association of Force Investigators; and an Assistant Professor at the University of Colorado Denver. He is a published researcher who has conducted extensive research on the topics he teaches. This gives participants direct access to a researcher who has conducted many of the studies being discussed in the class. Dr. Taylor's law enforcement experience allows him to make these complex topics practical and accessible to law enforcement practitioners.

**Course Length:** 3 Days

**Course Dates:** TBD

**Course Location:** TBD

**Number of Students:** Limited only by venue capacity

**Course Cost:** Please email [contact@forceinvestigations.com](mailto:contact@forceinvestigations.com) for more information

**Technology Needed:** The instructor will need the host agency to supply a projector and screen that is compatible with an Apple MacBook Pro and KeyNote presentation software. The instructor will bring his own laptop and will have adapters for most cable connections. Depending on the size of the venue, the host agency may need to provide a lapel mic that facilitates instructor movement and interaction.

## Course Topics and Structure:

### Day 1:

**0800 – 0830:** Introduction

**0830 – 0850:** Human Factors: What are they and how do they apply to force investigations?

**0850 – 0900:** Break

**0900 – 0950:** Expanding on the OODA Loop

**0950 – 1000:** Break

**1000 – 1050:** Observing: Attention, Vision, and Perception

**1050 – 1100:** Break

**1100 – 1200:** Orienting and Deciding: Decision-Making

**1200 – 1300:** Lunch

**1300 – 1350:** Orienting and Deciding: Heuristics and Biases

**1350 – 1400:** Break

**1400 – 1450:** Acting: Speed, Movement, and Time

**1450 – 1500:** Break

**1500 – 1550:** Acting: Speed, Movement, and Time Cont...

**1550 – 1600:** Break

**1600 – 1645:** Putting it all Together: Perception-Response Times

**1645 – 1700:** Conclusion and Class Questions

### Day 2:

**0800 – 0850:** Review and Questions

**0850 – 0900:** Break

**0900 – 0950:** Training, Tools, and Tactics: How the three T's drive outcomes.

**0950 – 1000:** Break

**1000 – 1050:** Introduction to Human Error

**1050 – 1100:** Break

**1100 – 1200:** Error Types and How to Recognize Them

**1200 – 1300:** Lunch

**1300 – 1350:** Memory

**1350 – 1400:** Break

**1400 – 1450:** Memory Cont...

**1450 – 1500:** Break

**1500 – 1550:** Human Factors in Force Investigations

**1550 – 1600:** Break

**1600 – 1645:** Investigative Failures and How to Avoid Them

**1645 – 1700:** Conclusion and Class Questions

**Day 3:**

**0800 – 0850:** Review and Introduction to Practical Exercises

**0850 – 0900:** Break

**0900 – 0950:** Practical Exercises

**0950 – 1000:** Break

**1000 – 1050:** Practical Exercises

**1050 – 1100:** Break

**1100 – 1200:** Practical Exercises

**1200 – 1300:** Lunch

**1300 – 1350:** Practical Exercises

**1350 – 1400:** Break

**1400 – 1450:** Practical Exercises

**1450 – 1500:** Break

**1500 – 1550:** Practical Exercises

**1550 – 1600:** Break

**1600 – 1700:** Conclusion and Class Questions