



Association of Force Investigators

Course: Introduction to Human Factors for Use of Force Training 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 Use of Force Training 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 training 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 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 in the development or training and tactics.

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: July 10-12, 2024

Course Location: Anchorage, AK

Number of Students: Limited only by venue capacity

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.

**Register with Melody Peters at melody.peters@anchorageak.us or
(907)786-8712**

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 Analysis

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