

General Forensic Analyst Licensing Exam II Written Study Materials List

I. Evidence Handling

- ASTM International E1492-11. (2017). *Standard Practice for Receiving, Documenting, Storing, and Retrieving Evidence in a Forensic Science Laboratory.*
- ASTM International D4840-99. (2018). *Standard Guide for Sample Chain-of-Custody Procedures.*
- ASTM International E1459-13. (2018). *Standard Guide for Physical Evidence Labeling and Related Documentation.*
- ASTM International E860-07. (2013). *Standard Practice for Examining And Preparing Items That Are Or May Become Involved In Criminal or Civil Litigation.*
- *Relevant Excerpts from Reed Case on Chain of Custody. Reed v. State* 41 SW3d 759 (Tex. Cr. App. 2017).
- *Reed v. State*, 541 S.W.3d 759 (LexisNexis April 12, 2017).
- Evidence Handling Video
- Evidence Handling Video Transcript

II. Brady/Michael Morton Act

- Legal Disclosure Video
- Legal Disclosure Video Transcript
- *Watkins v. State* Relevant Facts Summary

III. Statistics

- Statistical Thinking for Forensic Practitioners October/November 2021 PowerPoint 1
- Statistical Thinking for Forensic Practitioners October/November 2021 PowerPoint 2
- Statistical Thinking for Forensic Practitioners October/November 2021 PowerPoint 3
- Summary of Guiding Principles of Scientific Inquiry
Towne, L., & Shavelson, R. J. (2002). *Readings on Statistics*. National Research Council.
- CSAFE YouTube. (2021, October 25). *Statistical Thinking for Forensic Practitioners - Session 1 (Fall 2021)*. YouTube. Retrieved March 24, 2022, from https://www.youtube.com/watch?v=VfUmK2lo_4o.
- CSAFE YouTube. (2021, November 8). *Statistical Thinking for Forensic Practitioners - Session 2 (Fall 2021)*. YouTube. Retrieved March 24, 2022, from <https://www.youtube.com/watch?v=vYunwZUZwS0>.
- CSAFE YouTube. (2021, November 15). *Statistical Thinking for Forensic Practitioners - Session 3 (Fall 2021)*. YouTube. Retrieved March 24, 2022, from <https://www.youtube.com/watch?v=y1ViaOxMbEc>.

IV. Expert Testimony

- Bowers. *Chapter 3: The Admissibility of Forensic Expert Evidence.*
- Udashen, G. A. (2012, June 4). *Update on Legal Standards for Forensic Evidence.*

- National Institute of Standards and Technology. *Testimony using the term “Reasonable Scientific Certainty.”*
- Saks, M. J., & McQuiston-Surrett, D. (2009). The Testimony of Forensic Identification Science: What Expert Witnesses Say and What Factfinders Hear. *Law Human Behavior*, 33, 436–453. <https://doi.org/10.1007/s10979-008-9169-1>.
- Expert Testimony Video
- Expert Testimony Video Transcript

V. Professional Responsibility

- Commission Report
- Commission Professional Responsibility Video
- Commission Professional Responsibility Video Transcript
- Texas Code of Professional Responsibility for Forensic Analysts and Crime Laboratory Managers. [Tex. Admin. Code Ch. 651 § 651.219](#).

VI. Human Factors

- National Institute of Standards and Technology. *Ensuring That Forensic Analysis is Based Upon Task-Relevant Information*.
- Meterko, V., & Cooper, G. S. (2019). Cognitive bias research in forensic science: A systematic review. *Forensic Science International*, 297, 35–46.
- Dror, I. E. (2020). Cognitive and Human Factors in Expert Decision Making: Six Fallacies and the Eight Sources of Bias. *Analytical Chemistry*, 92, 7998–8004.
- Dror, I. E., & Jeanguenat, A. M. (2018). Human Factors Effecting Forensic Decision Making: Workplace Stress and Well-being. *Journal of Forensic Science*, 63(1), 258–261. <https://doi.org/10.1111/1556-4029.13533>
- Forensic Science Regulator Guidance. (2020). *Cognitive Bias Effects Relevant to Forensic Science Examinations*.
- Grows, B., Edmond, G., Towler, A., & Ribeiro, G. (2017). Thinking forensics: Cognitive science for forensic practitioners. *Science and Justice*, 57, 144–154.
- Human Factors Video
- Human Factors Video Transcript

VII. Root Cause Analysis

- National Commission on Forensic Science. *Root Cause Analysis (RCA) in Forensic Science*.
- Fagerhaug, T. N., & Anderson, B. (2014). *ASQ Pocket Guide to Root Cause Analysis*.
- McElroy, D. I. (2017, August). *Get at the Core*.
- Houck, M. M. (2016), Risk, Reward, and Redemption: Root Cause Analysis in Forensic Organizations, *Forensic Science Policy and Management*, 7, 106–112. <https://doi.org/10.1080/19409044.2016.1224278>.
- Root Cause Analysis Video
- Root Cause Analysis Video Transcript