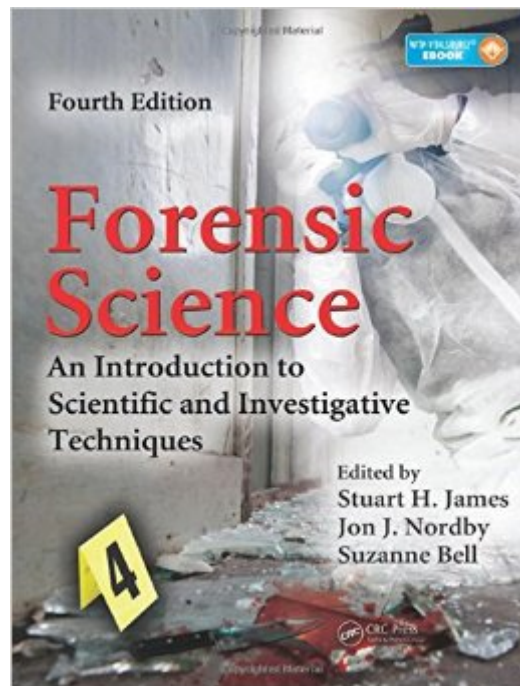


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# Forensic Science: An Introduction To Scientific And Investigative Techniques, Fourth Edition



## Synopsis

Covering a range of fundamental topics essential to modern forensic investigation, the fourth edition of the landmark text *Forensic Science: An Introduction to Scientific and Investigative Techniques* presents contributions from experts in the field who discuss case studies from their own personal files. This edition has been thoroughly updated to reflect the cutting edge of forensic science across many different areas. Designed for a single-term course at the lower undergraduate level, the book begins by discussing the intersection of law and forensic science, how things become evidence, and how courts decide if an item or testimony should be admissible. It takes the evidence from crime scene investigation into laboratory analysis and even onto the autopsy table for the fullest breadth of subject matter of any forensic text available. Topics include Forensic anthropology and the role of entomology in a death investigation Death investigation, including identifying the cause, manner, mechanism, and time of death Bloodstain pattern analysis, the identification of blood and body fluids, the work of forensic toxicologists, and seized drug analysis The history and development of DNA typing and the many ways it can be used Fingerprint, firearm and ballistic, tool mark, tread impression, and trace evidence The forensic analysis of questioned documents and computers Arson, fire, explosives, and the work of forensic engineers in vehicular accidents and structural collapses Forensic psychology and psychiatry, including criminal profiling The future of forensic science

Going beyond theory to application, this text incorporates the wisdom of forensic practitioners who discuss the real cases they have investigated. Color-coded sidebars in each chapter provide historical notes, case studies, and current events as well as advice for career advancement. Each section and each chapter begins with an overview and ends with a summary, and key terms, review questions, and up-to-date references are provided. Appropriate for any sensibility, more than 300 photos from real cases give students a true-to-life learning experience.

\*Access to identical eBook version included

## Book Information

Hardcover: 614 pages

Publisher: CRC Press; 4 edition (January 13, 2014)

Language: English

ISBN-10: 1439853835

ISBN-13: 978-1439853832

Product Dimensions: 1.2 x 8.8 x 11 inches

Shipping Weight: 4.5 pounds (View shipping rates and policies)

Average Customer Review: 4.3 out of 5 stars [See all reviews](#) (20 customer reviews)

Best Sellers Rank: #133,266 in Books (See Top 100 in Books) #56 in [Books > Health, Fitness & Dieting > Psychology & Counseling > Forensic Psychology](#) #57 in [Books > Medical Books > Psychology > Forensic Psychology](#) #69 in [Books > Law > Criminal Law > Forensic Science](#)

## Customer Reviews

This text serves as an excellent overview of the forensic science field, and could serve very well as an introductory or intermediate level textbook. It was only lacking one thing that would be of value to making it a perfect instructional choice, and that is, labs. Hopefully, the authors are putting together an accompanying lab book! The chapter summaries, review material (vocab, primarily), and review questions are impeccable, and the references and further reading are exemplary. I am very happy with my purchase, and when we are ready to upgrade our forensic science textbooks (very soon, I hope!), I would go with this text without hesitation. Please, just prepare a lab book!

I got this for a Master's class that I'm taking. It seems well written and very thorough on its explanations. I wish it would have more detailed photos to accompany the text however. Still an informative read.

I used this textbook for my undergraduate level Fundamentals of Forensic Science course, this spring. The information is very good. I know and respect many of the authors, which is at least one of the reasons why I chose this textbook. The 9 sections worked nicely with a semester class. I also enjoyed the flow of the book. I am a forensic anthropologist, by trade, but I have also studied the other disciplines. I will definitely utilize this textbook again, next year! Thank you!

This astounding book is perfect for anyone studying forensics. The nine chapters of the book are highly informative, and like every great textbook, it has review questions, summaries, and vocabulary guides. The chapter Forensic Anthropology is all about studying human remains to learn about the person. While this book is probably focused more towards criminal investigation, the chapter will be of use to archeologists who have to study human remains. An entire chapter is devoted to entomology, because the presence of flies and maggots in the body can be used to determine the time of death. There's a chapter on fire and explosives, because tracing for accelerants is a major part of criminal investigation where a fire occurs. Further chapters cover tracing bullets, identifying body fluids, and ethics. One of the greatest things about this book is the

use of case studies. The author includes stories about investigations into murders, thefts, accidents, and others which don't involve crime. Each of these chapters would probably be a different specialty, since the average detective is probably not trained to do arson investigations. That would probably be the job of someone in the fire department. I will give this book a big thumbs up as a starter for criminology students. It's a great way to begin learning about forensics, and it doesn't bore you with lots of jargon.

This is a great book that is easy to follow. I found it very informative and intriguing despite having a great deal of crime scene training and experience. Highly recommended for students and investigators alike.

Perfect! Book was in excellent shape!

This is an edited version, which means some of the chapters were cut down but they left the questions about the removed info. Doesn't help when you are using this as your textbook!

This is a terrible textbook, the chapter review questions are badly written and often cannot be answered by material in the textbook. Which is a bum deal if your teacher picks the book and assigns the questions at the end of the chapter. The book itself was in excellent condition and arrived promptly.

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