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Criminalistics An Introduction To Forensic Science 10th Edition

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Introduction to Forensic Science and Criminalistics
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Introduction to Forensic Science and Criminalistics
Criminalistics: MyLab Criminal Justice
CRIMINALISTICS An Introduction to Forensic DNA Analysis, Second Edition
Sozialpsychologie
Criminalistics: Forensic Science, Crime, and Terrorism
Forensic Science Studyguide for Criminalistics
Review of Criminalistics: Forensic Criminology
DNA Evidence and Forensic Science
Criminal Justice
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Criminalistics: An Introduction to Forensic Science
Criminalistics: Forensic Science
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Introduction to Forensic Science
Criminalistics
Criminalistics: Introduction to Forensic Science
Criminalistics: An Introduction to Forensic Science

In diesem Buch stellen die Autoren ihre Begeisterung für den Forschungsprozess auf verständliche Weise dar und beschreiben die Ergebnisse des wissenschaftlichen Vorgehens in Bezug zu unserer alltäglichen Erfahrungswelt. So wird eine rigorose, wissenschaftliche Herangehensweise an die Sozialpsychologie präsentiert, die den Leser gleichzeitig interessiert und in ihren Bann zieht.

Forensic Criminalistics gives students of criminology and criminal justice an introduction to the forensic realm and the applied issues they will face when working cases within the justice system. It effectively bridges the theoretical world of social criminology with the applied world of the criminal justice system. While most of the competing textbooks on criminology adequately address the application and the social theory to the criminal justice system, the vast majority do not include casework or real-world issues that criminologists face. This book focuses on navigating casework in forensic contexts by case-working criminologists, rather than broad social theory. It also allows criminology/criminal justice instructors outside of the forensic sciences to develop and instruct a core course that might otherwise be considered beyond their expertise, or can be used to augment forensic courses taught in their programs at their institutions beyond, or mediate the focus on criminology and criminal justice careers. With its practical approach, this textbook is well-suited for forensic criminology subjects being taught and developed in law, criminology, and criminal justice programs around the world. Approaches the study of criminology from an applied standpoint, moving away from the purely theoretical Contains relevant and contemporary case examples to demonstrate the application of forensic criminology Provides an integrated philosophy with respect to criminology, forensic casework, criminal investigations, and the law Useful for students and professionals in the area of criminology, criminal justice, criminal investigation, forensic science, and the law.

The first edition of this book was published in 1977, which means it has been in continuous production for about 24 years. There has to be a reason for such success and I believe that reason is that it fulfills a need for a simple readable text for college and training courses in forensic science. A part of this success is also due to ability to bridge the gap between the science oriented "doer" and the law enforcement "user" of forensic science. This is no small problem and it imposes limitations on the book for both applications. This is the strength of the book in its market place and the weakness of the book for those who wish to use it in one of those two arenas.

For courses in Intro to Forensic Science in CJ, Forensic Science, and Chemistry programs. The # 1 selling Forensic Science title of ALL - TIME Criminalistics is the definitive source for forensic science because it makes the technology of the modern crime laboratory clear to the non-

Significant advances in DNA analysis techniques have surfaced since the 1997 publication of the bestselling An Introduction to Forensic DNA Analysis. DNA typing has become increasingly automated and miniaturized. Also, with the advent of Short Tandem Repeat (STR) technology, even the most minute sample of degraded DNA can yield a profile, providing valuable minute sample of degrader, just as the judicial system slowly and reluctantly accepted RFLP and AmpliType® PM+DQA1 typing, it is now scrutinizing the admissibility of STRs. Acknowledging STR typing as the current system of choice. An Introduction to Forensic DNA Analysis, Second Edition translates new and established concepts into plain English so that laypeople can gain insight into how DNA analysis works, from sample collection to interpretation of results. In response to the shift toward more efficient techniques, the authors cover the legal admissibility of STR typing, expand the chapter on DNA databases, and revise the section on automated analysis. They also present key decisions and appellate or supreme court rulings that provide precedent at the state and federal levels. Discussing forensic DNA issues from both a scientific and a legal perspective, the authors of An Introduction to Forensic DNA Analysis, Second Edition present the material in a manner understandable by professionals in the legal system, law enforcement, and forensic science. They cover general principles in a clear fashion and include a glossary of terms and other useful appendices for easy reference.


Written by authors close to one hundred years of forensic experience combined, this introductory text features comprehensive coverage of the types of forensic work done by crime laboratories for criminal cases and by private examiners for civil cases. The book's unifying vision of the role of forensic science in the justice system and of the role of the professional forensic scientist is clearly introduced in the first two chapters and reinforced throughout the text. Each chapter discusses a key case in the field and references other "real world" applications of the techniques described. The text's premise is that being a scientist is not required for understanding and using forensic science, but that a greater understanding of science lends itself to better use of the techniques of forensic science.

This book is a basic textbook for use in college and university forensic science courses at the introductory level in which little or no prior knowledge of science has been assumed. Most of the book is devoted to a careful exploration of the importance of physical evidence and this new edition includes a chapter on DNA.

The really good textbooks on criminalistics may be counted on the fingers of any typical one-handed person; this text would have to be included in that group. The text attempts, and achieves, a presentation of the major areas of physical evidence as well as a brief history of forensic science and
defines the scope of the criminalistics enterprise.

This best-selling text, written for the non-scientist, is appropriate for a wide variety of students, including criminal justice, law enforcement, law, and more! Criminalistics: An Introduction to Forensic Science, 11e, strives to make the technology of the modern crime laboratory clear and comprehensible to the non-scientist. The nature of physical evidence is defined, and the limitations that technology and current knowledge impose on its individualization and characterization are examined. By combining case studies with applicable technology, Criminalistics endeavors to capture the pulse and fervor of forensic science investigations. A major portion of the text centers on discussions of the common items of physical evidence encountered at crime scenes. These chapters include descriptions of forensic analysis, as well as updated techniques for the proper collection and preservation of evidence at crime scenes. Particular attention is paid to the meaning and role of probability in interpreting the evidential significance of scientifically evaluated evidence. Teaching and Learning Written by a well-known authority in forensic science, this text introduces the non-scientific student to the field of forensic science. It provides: Clear and comprehensible writing for the non-scientific student: Makes text appropriate for a wide variety of students, including criminal justice, law enforcement, and more Comprehensive, up-to-date coverage of forensics and its role in criminal investigation: Captures the pulse and intensity of forensic science investigations and the attention of the busiest student Outstanding pedagogical features: Supports both teaching and learning MyCJLab: This text is packaged with MyCJLab with Pearson eText: MyCJLab-a valuable media teaching and learning tool that includes videos, simulations, activities, assessments, and course management solutions Introduces students to the scope and depth of the major fields in criminal justice and includes the latest research findings and current events shaping the field Encourages active participation through critical thinking features and learning tools Other Product Info Criminalistics 11e + MyCJLab ISBN: 0133481999 - Available June 2014 Criminalistics 11e Stand Alone Text: 0133458822

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For introductory courses in Forensic Science and Crime Scene Investigation A clear introduction to the technology of the modern crime laboratory for non-scientists Criminalistics: An Introduction to Forensic Science, Twelfth Edition, uses clear writing, case stories, and modern technology to capture the pulse and fervor of forensic science investigations. Written for readers with no scientific background, the book is unique among the most relevant scientific and technological concepts are presented. The nature of physical evidence is defined, and the limitations that technology and current knowledge impose on its individualization and characterization are examined. A major portion of the text centers on discussions of the common items of physical evidence encountered at crime scenes. Particular attention is paid to the meaning and role of probability in interpreting the evidential significance of scientifically evaluated evidence. Updated throughout, the Twelfth Edition includes a new chapter on the exciting field of forensic biometrics. With its easy-to-understand writing and straightforward presentation, this best-selling text is clear and comprehensible to a wide variety of students.

From the Publisher: Each volume of the Facts On File Library in a Book series is carefully designed to be a first-stop research source on important current issues. Written clearly and carefully so that even the most complex aspects of the topic are easily understandable, the books give the reader the essential information to begin work, plus the research tools needed to delve more deeply into the issues. Each book includes a history of the subject, biographical information on important figures in the field, a complete annotated bibliography, and a carefully designed index-everything the researcher needs to get down to work. Recent developments in forensic methods have revolutionized crime scene investigations so that one piece of forensic evidence can often determine an individual’s guilt or innocence. Tests involving fingerprinting, polygraphs, ballistics, toxicology, voice analysis, DNA typing, and other techniques can be combined or used independently to provide information about a crime. Some of these methods have been known and used for many centuries; others have been developed only recently. Some procedures create highly valid and reliable results; others generate conclusions that may be uncertain at best or legally useless. DNA Evidence and Forensic Science examines the history and opinions surrounding the issue—from the early use of fingerprinting to identify civil servants to the latest advances in DNA typing in criminal investigations. Documents such as the Employee Polygraph Protection Act of 1988 and contemporary case studies such as Daubert v. Merrell Dow Pharmaceuticals provide multiple perspectives and decisions surrounding the issue while also plotting a course for the future of legislative action pertaining to DNA evidence and forensic science.

More than 400 photographs, most in color, provide significant insight while still being appropriate for students.”—BOOK JACKET.

Written by highly respected forensic scientists and legal practitioners, Forensic Science: An Introduction to Scientific and Investigative Techniques, Second Edition covers the latest theories and practices in areas such as DNA testing, toxicology, chemistry of explosives and arson, and vehicle accident reconstruction. This second edition offers a cutting-edge presentation of criminalistics and related laboratory subjects, including many exciting new features. What’s New in the Second Edition New chapter on forensic entomology New chapter on forensic nursing Simplified DNA chapter More coverage of the chemistry of explosives and ignitable liquids Additional information on crime reconstruction Revised to include more investigation in computer forensics Complete revisions of engineering chapters New appendices showing basic principles of physics, math, and chemistry in forensic science More questions and answers in the Instructor’s Guide Updated references and cases throughout An extensive glossary of terms

Designed for students that are not biology, chemistry, or physics majors, this fully revised and updated Third Edition of the best-selling Criminalistics: Forensic Science, Crime, and Terrorism provides a comprehensive introduction to forensic science, the scientific principles that are the underpinnings of crime analysis, and the practical application of these principles. Essential topics such as fingerprint identification, DNA, ballistics, detection of forgeries, forensic toxicology, computer forensics, and the identification and analysis of illicit drugs are thoroughly explained in a reader-friendly manner. Unlike comparable texts, the Third Edition includes coverage of important terrorism and homeland security issues, including explosives, cybercrime, cyberterrorism, and weapons of mass destruction. The text is also the only book on the market with a detailed description of DNA and CODIS techniques used by professionals.

In this new edition of Criminalistics, the noted forensic scientist Richard Saferstein brings the reader into the crime lab for a firsthand look at the role of science in the criminal justice system. Criminalistics focuses its attention on the up-to-date technologies police rely on to apprehend criminal perpetrators and to link them through trace evidence to crime scenes. This new edition emphasizes the latest DNA profiling technologies, which include STR and mitochondrial DNA. The book details how the creation of a new nationwide DNA data bank has been designed to apprehend the mobile criminal. Today, the ability to detect less than one-billionth of a gram of DNA means that forensic scientists can extract critical information at crime scenes from stamps and envelopes licked with saliva, a cup or can that has come in contact with a person’s lips, chewing gum, the sweat band of a hat, or a bed sheet containing an individual’s skin cells.

This Second Edition of the best-selling Introduction to Forensic Science and Criminalistics presents the practice of forensic science from a broad viewpoint. The book has been developed to serve as an introductory textbook for courses at the undergraduate level—for both majors and non-majors—to provide students with a working understanding of forensic science. The Second Edition is fully updated to cover the latest scientific methods of evidence collection, evidence analytic techniques, and the application of the analysis results to an investigation and use in court. The
includes coverage of physical evidence, evidence collection, crime scene processing, pattern evidence, fingerprint evidence, questioned documents, DNA and biological evidence, drug evidence, toolmarks and firearms, arson and explosives, chemical testing, and a new chapter of computer and digital forensic evidence. Chapters address crime scene evidence, laboratory procedures, emergency technologies, as well as an adjudication of both criminal and civil cases utilizing the evidence. All coverage has been fully updated in all areas that have advanced since the publication of the last edition. Features include: Progresses from introductory concepts—of the legal system and crime scene concepts—to DNA, forensic biology, chemistry, and laboratory principles. Introduces students to the scientific method and the application of it to the analysis to various types, and classifications, of forensic evidence. The authors' 90-plus years of real-world police, investigative, and forensic science laboratory experience is brought to bear on the application of forensic science to the investigation and prosecution of cases. Addresses the latest developments and advances in forensic sciences, particularly in evidence collection. Offers a full complement of instructor's resources to qualifying professors. Includes full pedagogy—including learning objectives, key terms, end-of-chapter questions, and boxed case examples—to encourage classroom learning and retention. Introduction to Forensic Science and Criminalistics, Second Edition, will serve as an invaluable resource for students in their quest to understand the application of science, and the scientific method, to various forensic disciplines in the pursuit of law and justice through the court system. An Instructor's Manual with Test Bank and Chapter PowerPoint® slides are available upon qualified course adoption.

Criminalistics is that sub-field of Forensic Science dealing with the collection, preservation, examination, and interpretation of physical evidence. Introduction to Criminalistics: The Foundation of Forensic Science covers the basics of Criminalistics in a textbook for a one or two semester course with the intention of preparing the student for a future in forensic science. The role of the Criminalist is to analyze, compare, identify, and interpret physical evidence in the crime lab. These crime labs, or forensic labs, have two primary functions: identifying evidence, and linking suspect, victim, and crime scene through physical evidence. This new primer introduces the learner to the structure and organization of the crime lab and to the role of the Criminalist. Topics covered include how to process a crime scene and preserve evidence, the basic principles of firearm examination, latent fingerprints, and rudimentary toxicology, or how to determine the presence or absence of drugs and poisons. Well organized and methodical, this colorful textbook, written by an eminent professional, has the potential to become the standard text for applying techniques of the physical and natural sciences to examining physical evidence. * Uses real cases—recent and historic—to illustrate concepts * Colorful pedagogy clearly defines chapter elements and sets this text apart from next best * Presents the basics of forensic sciences in a one-semester or one-year course * Offers excellent preparation for professional examinations * Delivers the latest in laboratory technique while acknowledging the limits of technology.

A textbook that presents the techniques, skills, and limitations of the modern crime laboratory, for students (or others, including criminal investigators) who have no background in the forensic sciences. The nature of physical evidence is emphasized. This edition (fourth was 1990) is updated with the current technologies available to crime laboratory personnel. Annotation copyright by Book News, Inc., Portland, OR

Forensic Science: An Introduction, by Richard Saferstein, is adapted from his own best-selling college text, Criminalistics: An Introduction to Forensic Science, currently in its ninth edition. This new, highly accessible high school text includes cutting-edge forensic techniques, practices and procedures, including DNA profiling, automated firearms search systems, digital imaging, and evidence collection and preservation. The book also focuses on possible career opportunities in the expanding forensic science field. Each chapter opens with a Case Study, incorporating real life examples of forensic science applications. Throughout the text, Learning Objectives highlight key concepts of each chapter; Forensic Brief boxes provide students with quick and pertinent facts about forensic cases; and Key Terms are explained in the margins. Each chapter contains summaries and review questions; and a full chapter examines the increasingly significant role computers are playing in criminal activity and the collection of forensic evidence. The book is accompanied by a companion Website (www.prenhall.com/hsforensics) that provides additional exercises, text information, and WebExtras, which serve to expand on information available in the text through video presentations and graphic displays that enhance the reader's understanding of the subject's more difficult concepts. - Publisher.

For courses in crime scene investigation A Straightforward, Student-Friendly Primer on Forensics Forensic Science: From the Crime Scene to the Crime Lab presents forensic science in a straightforward, student-friendly format that's ideal for students with limited backgrounds in the sciences. Topics are arranged to integrate scientific methodology with actual forensic applications, and discussions are focused on explaining state-of-the-art technology without delving into extraneous theories that may bore or overwhelm non-science students. Only the most relevant scientific and technological concepts are presented, keeping students focused on the practical knowledge they'll need in the field. The Third Edition is updated to include a brand-new chapter on mobile device forensics, and new revisions to the text reflect the now nearly exclusive use of digital photography at crime scenes.

Dr. Saferstein's Criminalistics has remained perhaps the best introductory textbook on this field since it was first published 13 years ago. It successfully outlines techniques utilized by the modern crime laboratory in terms those with no background can follow. It has been especially useful in allowing members of the criminal justice system to understand the language, capabilities, and limitations of the field. Its clear and simple style of presentation provides good review material for the new criminalist preparing for court testimony.

Never HIGHLIGHT a Book Again! Includes all testable terms, concepts, persons, places, and events. Cram101 Just the FACTS101 studyguides gives all of the outlines, highlights, and quizzes for your textbook with optional online comprehensive practice tests. Only Cram101 is Textbook Specific. Accompanies: 9780133458824. This item is printed on demand.

One failing of many forensic science textbooks is the isolation of chapters into compartmentalized units. This format prevents students from understanding the connection between material learned in previous chapters with that of the current chapter. Using a unique format, A Hands-On Introduction to Forensic Science: Cracking the Case approaches the topic of forensic science from a real-life perspective in a way that these vital techniques are incorporated into the narrative. Practical and realistic in its approach, this book enables students to understand how forensic science operates in the real world.