



Fundamentals of Forensic Science (Hardback)

By Max M Houck, Dr Jay A Siegel

Elsevier Science Publishing Co Inc, United States, 2010.
 Hardback. Book Condition: New. 2nd Revised edition. 248 x 194 mm. Language: English . Brand New Book. Fundamentals of Forensic Science, Second Edition, provides an introduction to the basic principles of forensic science. The book begins at a crime scene and ends in the courtroom. The book is divided into six parts. Part 1 provides an overview of criminal justice and forensic science, covering the basics of crime scene investigation and the nature of evidence. Part 2 discusses analytical tools, including microscopy, Raman spectroscopy, mass spectrometry, atomic spectroscopy, and separation methods. Parts 3 to 5 discuss the various types of forensic evidence collected, categorized by the types of science employed in their analysis: physical science, chemical science, and biological science. These include pathology; anthropology and odontology; entomology; serology and bloodstain pattern analysis; DNA analysis; forensic hair examinations; forensic toxicology; fiber and paint analysis; friction ridge examination; and firearms and tool marks. Part 6 discusses the legal aspects of forensic science. The book is written for students with a background in basic science, and it is can be used in a one-semester or two-semester format. * Vivid, full-color illustrations that diagram key concepts...



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