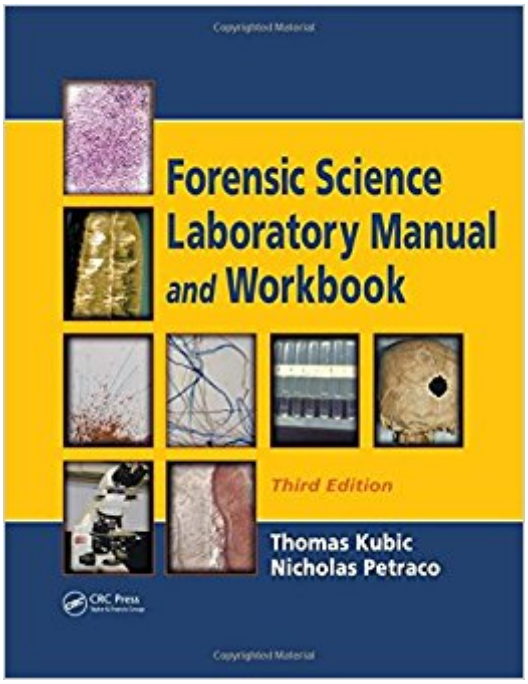
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Forensic Science Laboratory Manual And Workbook, Third Edition



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Synopsis

A laboratory companion to Forensic Science: An Introduction to Scientific and Investigative Techniques and other undergraduate texts, Forensic Science Laboratory Manual and Workbook, Third Edition provides a plethora of basic, hands-on experiments that can be completed with inexpensive and accessible instrumentation, making this an ideal workbook for non-science majors and an excellent choice for use at both the high school and college level. This revised edition of a bestselling lab manual provides numerous experiments in odontology, anthropology, archeology, chemistry, and trace evidence. The experiments cover tests involving body fluid, soil, glass, fiber, ink, and hair. The book also presents experiments in impression evidence, such as fingerprints, bite marks, footwear, and firearms, and it features digital and traditional photography and basic microscopy. All of the experiments incorporate practical elements to facilitate the learning process. Students must apply the scientific method of reasoning, deduction, and problem-solving in order to complete the experiments successfully and attain a solid understanding of fundamental forensic science. Each of the 39 chapters features a separate experiment and includes teaching goals, offers the requisite background knowledge needed to conduct the experiments, and lists the required equipment and supplies. The book is designed for a cooperative learning setting in which three to five students comprise a group. Using the hands-on learning techniques provided in this manual, students will master the practical application of their theoretical knowledge of forensics.
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Customer Reviews

Thomas Kubric and Nicholas Petraco are professors at John Jay College in New York City.

I am adapting some forensics labs for a college intro chemistry/biology course and I found this book to contain really nice ideas for both disciplines. I especially like the additional section on more advanced techniques (instrumental analysis) which can be adopted for higher level courses or institutions with the instrumentation (UV-Vis, GC-MS).Overall I was very pleased with the materials presented in this workbook.I highly recommend it as a resource for teachers who are considering inserting some forensics into their science courses.

I bought this to assist with my lesson plans for my high school forensic medicine course and it has some great crime scene labs in it! Being a new teacher for this course, this kind of resource material is a wealth of help! Easy to read, easy to find the items needed and great selection of different labs.

Thanks!

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