Forensic and Investigative Accounting

4th Edition

D. Larry Crumbley Lester E. Heitger G. Stevenson Smith





FORENSIC AND INVESTIGATIVE ACCOUNTING

D. Larry Crumbley, CPA, CFF, CFFA, Cr.FA

KPMG Endowed Professor Department of Accounting Louisiana State University

Lester E. Heitger, CPA

BKD Distinguished Professor of Forensic Accounting School of Accountancy Missouri State University

G. Stevenson Smith, CPA, CMA

John Massey Endowed Professor of Accounting Department of Accounting and Finance Southeastern Oklahoma State University



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PREFACE

Forensic and Investigative Accounting fills a void in accounting education literature by providing the first broad-based text covering all the important topics that have come to be identified with modern forensic accounting. Certainly, there are books on fraud auditing, litigation support, valuation (both damages and businesses), cybercrime and other key forensic topics, but no other text is specifically written to cover the forensic accounting waterfront. The authors hope that teachers will find Forensic and Investigative Accounting 4th Edition a particularly powerful teaching tool. The twin towers of forensic accounting—litigation support and investigative auditing—are covered in detail. The 4th Edition includes new fraud schemes, numerous new eyewitness and spotlight stories, and new forensic techniques and tools (e.g., financial models, new problems and cases, more behavioral aspects and information from Managing the Business Risk of Fraud, and Audit Standard No. 5). This edition brings the reader up to date with the latest cybercrime activity and cases, and it documents the latest corruption schemes and explains how to find and prevent them.

Today's forensic accounting teachers and students have a difficult task in studying this developing topic, but they are compensated by the fact that forensic accounting is red hot and relevant. In 2002, Congress took up the financial markets reform mantle and passed the Sarbanes-Oxley Act, which was in part designed to restore financial accountability by preventing and punishing fraud. The Act created a new independent accounting oversight group called the Public Company Accounting Oversight Board (PCAOB), subject to Securities and Exchange Commission review. Sarbanes-Oxley, recent SEC actions, initiatives starting to take shape from the PCAOB, aggressive pronouncements by the Institute of Internal Auditors and the AICPA, and new rules promulgated by the various stock exchanges have all worked to change the perception of who is responsible for detecting and fighting fraud in financial statements and throughout the corporation and other entities. External auditors, internal auditors, company management, and audit committees are all charged in one way or another with fighting fraud under new initiatives. Yet, the task of fraud detection has proven so difficult (e.g., Bernard Madoff, Sir Robert Allen Stanford, Satyam Computer Services) that the continued growth in forensic accounting specialists seems assured along with the development of the forensic accounting discipline to match wits with new advanced technological and fraud schemes. The federal government's economic stimulus and bailout programs and the shortfalls in many states' budgets should provide much work for forensic accountants.

Students and teachers alike will find that forensic accounting also is extremely interesting, and the authors of *Forensic and Investigative Ac-*



counting 4th Edition worked hard to build a sense of interest and yes, even excitement into the text. Some would argue that forensic accountants are more like "Quincy" (a once popular TV show about a crime-solving coroner) or the CSI characters than the traditional starch-collared, numbers-cruncher. Forensic accountants work on books and records, but often in the context of legal conflicts and even criminal activities.

Forensic and Investigative Accounting 4th Edition demonstrates that this developing discipline is challenging. As the text demonstrates, an effective forensic accountant needs an understanding of accounting, investigative auditing techniques, computers, criminology, and courtroom procedures. Many forensic accountants will further specialize and have varying concentrations of these five sets of knowledge and skills.

All three authors are teachers, forensic accountants, and perhaps most of all, forensic accounting fans. While there are many complex forensic issues explained in this book, the authors worked hard to try to convey to students the contemporaneous nature of forensic accounting—forensic accounting is constantly developing in the news, in the legal and regulatory system, and as part of the accounting industry.

The authors believe that forensic accounting should be fun to teach and with the many internet-related assignments in the chapter exercises, students are encouraged to continue to seek out new stories and developments as they occur. Of course, studying a discipline that is experiencing such dramatic change will be challenging. However, there are plenty of fundamental concepts and topics that require a good deal of earnest attention and concentration that will help keep both students and teachers anchored to reality.

In today's climate all accountants—external, internal, corporate accountants and yes, the forensic-accounting specialist—must develop forensic competencies. The authors believe it will only be a matter of time before all accounting majors will take one or more forensic-type courses. The authors agree with James Gordon Brown, Prime Minister of England, that "what the use of finger prints was to the 19th century and DNA analysis was to the 20th, forensic accounting will be to the 21st century."

August 2009

D. Larry Crumbley Lester E. Heitger G. Stevenson Smith

ABOUT THE AUTHORS

Professor D. Larry Crumbley, CPA, CFFA, Cr.FA, CFF, is the KPMG Endowed Professor in the Department of Accounting, Louisiana State University. He has published more than 300 articles in accounting journals and authored more than 60 books, including 12 educational novels. He is the long-time editor of the Oil, Gas & Energy Quarterly and founding editor of the Journal of Forensic Accounting: Auditing, Fraud & Risk. Professor Crumbley was a member of the AICPA's Litigation and Dispute Resolution Services Subcommittee Fraud Task Force and is on the Fraud Deterrence Board of National Association of Certified Valuation Analysts. He has served on the Executive Board of the American Board of Forensic Accounting (ACFEi). He is the editor of the Journal of Forensic and Investigative Accounting.

Professor Lester E. Heitger, CPA, taught for many years in the Accounting Department at Indiana University in Bloomington, Indiana. While there, he created and taught a graduate level course in Forensic and Investigative Accounting. In the fall of 2008, he accepted the position as the BKD Distinguished Professor of Forensic Accounting in the School of Accountancy at Missouri State University. There he has developed and teaches several forensic accounting courses, and he has helped develop a Certificate in Forensic Accounting in the graduate accounting program. He served as a member of the task force funded by the United State Justice Department, White Collar Crimes Division that created the "Model Curriculum in Forensic Accounting." Professor Heitger has been very active in litigation support and expert witnessing over the past 25 years. He has worked as a forensic accountant on over 50 cases testifying as an expert witness in state and federal courts and in the United State Tax Court. He has also testified in alternative dispute resolution environments such as arbitrations and mediations. He continues to be very active as an expert witness and as a litigation support specialist.

G. Stevenson Smith is the John Massey Endowed Professor of Accounting in the John Massey School of Business at Southeastern Oklahoma State University. He is a CMA and a CPA as well as a Certified Cost Analyst. Professor Smith received his Ph.D. from the University of Arkansas and his M.B.A. from Michigan State University. He has authored numerous articles on accounting education, e-commerce, and managerial issues. Currently, he writes a column for the *Journal of Forensic Accounting: Auditing, Fraud & Risk* entitled "Black Tech Forensics." His professional experience includes working for the Securities and Exchange Commission in Washington, D.C., as a financial analyst. He has been a Visiting Fellow at the University of New England in Armdale, Australia.

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Finally, we'd like to thank our fellow instructors who adopt this book and the students who support our efforts.

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How to Use This Book

Forensic and Investigative Accounting is organized to engage students in the study of forensic accounting. Special features, end-of-chapter exercises, appendices, and a forensic glossary are provided to further assist students in the learning process.

Chapter Openings

All chapters begin with the same elements: a list of the learning objectives and an overview. This information provides a framework for understanding the material that will be studied in the chapter.

Special Features

Hundreds of forensic stories, featured factoids, and illustrations are interjected throughout the chapters.



Eyewitness features are typically descriptive short snippets expressing a forensic event, action, or slant on an issue.



Spotlight features are used to interject a longer story in the forensic news or a statement on a forensic concept.



Ethics features are used when a forensic related standard or ethics-related authority is reproduced.



Law and Order features identify a legal case or regulatory ruling.



Examples are used when a specific situation is used to illustrate an important point.

End-of-Chapter Materials

Every chapter ends with a conclusion that ties together the ideas presented in the chapter and with the chapter opening and overview help to give students a point of reference for additional study. End of chapter exercises are used to help the student assess his or her understanding of the chapter's salient points. Some will help direct the student to additional research. The exercises also provide the instructor with a ready means to evaluate student understanding of the material.

End-of-Book Materials

A special forensic glossary is offered at the end of the book that can be referenced throughout the student's reading. Appendices offer additional source materials for extended reading and research.

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