

CONTENTS

SECTION I INTRODUCTION TO FORENSIC ACCOUNTING AND FRAUD EXAMINATION 1

1 CORE FOUNDATION RELATED TO FORENSIC ACCOUNTING AND FRAUD EXAMINATION 3

Module 1: What Is Fraud?, 4
Legal Elements of Fraud, 4
Major Categories of Fraud, 6
Common Fraud Schemes, 7
What Is the Difference Between Fraud and Abuse?, 8
Module 2: What Is Forensic Accounting?, 10
Nonfraud Forensic Accounting and Litigation Advisory Engagements, 10
Module 3: The Professional's Skill Set, 10
Module 4: The Role of Auditing, Fraud Examination, and Forensic Accounting, 11
Module 5: The Basics of Fraud, 12
The Cost of Fraud and Other Litigation, 13
ACFE 2022 Report to the Nations on Occupational Fraud and Abuse, 13
Module 6: The Investigation, 22
The Mindset: Critical Thinking and Professional Skepticism, 22
Fraud Risk Factors and "Red Flags", 24
Evidence-Based Decision Making, 25
Scope of the Engagement, 26
The Problem of Intent: Investigations Centered on the Elements of Fraud, 26
The Analysis of Competing Hypotheses (The Hypothesis-Evidence Matrix), 27
Methodologies Used in Fraud Examinations and Forensic Accounting Engagements, 29
The Importance of Nonfinancial Data, 31
Graphical Tools, 31
Big Data and Data Analytics, 32
The Importance of the Story Line: Who, What, Where, When, How, and Why, 32
Teamwork and Leadership, 32
Module 7: Fraud Examination Methodology, 33
Predication, 33
Fraud Prevention and Deterrence, 33
Fraud Detection and Investigation, 33
Remediation: Criminal and Civil Litigation and Internal Controls, 33
Critical Thinking, 34

Review Questions, 34
Multiple Choice Questions, 34
Fraud Casebook, 35
Short Answer Questions, 35
Discussion Questions, 35
Brief Cases, 35
Major Case Investigation (MCI)—Real Estate Brokerage, Inc., 36
Chapter 1 MCI Introduction—Real Estate Brokerage, Inc., 36
IDEA Exercises, 37
IDEA—Assignment Chapter 1, 38
Tableau Exercises, 38
Tableau—Assignment Chapter 1, 39
Endnotes, 39
Appendix I: Careers in Fraud Examination and Financial Forensics, 40

2 WHO COMMITS FRAUD AND WHY: THE PROFILE AND PSYCHOLOGY OF THE FRAUDSTER 52

Module 1: Criminology, Fraud, and Forensic Accounting, 52
Criminology, 53
Occupational Fraud and Abuse, 53
White-Collar Crime, 53
Organizational Crime, 53
Organized Crime, 54
Torts, Breach of Duty, and Civil Litigation, 54
Module 2: Who Commits Fraud and Why: The Fraud Triangle, 55
Edwin H. Sutherland, 55
Donald R. Cressey and the Fraud Triangle, 56
Module 3: The Role of Personal Integrity, Capability, Gender, and the Influence of the Organization, 62
The Fraud Scale, 63
Capability and Arrogance, 65
The Role of the Organization, 65
Module 4: The Psychology of the Fraudster, a Deeper Look: M.I.C.E., Predators, and Collusion, 68
M.I.C.E., 69
Predatory versus Situational Fraudsters, 69
Collusion and Collusive Groups, 71
Module 5: The Fraud Triangle in Court and the Meta-Model, 72
The Meta-Model, 73
Critical Thinking, 74

Review Questions, 74
 Multiple Choice Questions, 74
 Fraud Casebook, 75
 Short Answer Questions, 76
 Discussion Questions, 76
 Brief Cases, 76
 Major Case Investigation, 76
 IDEA Exercises: Assignment 2, 77
 Tableau Exercises: Assignment 2, 77
 Endnotes, 77

3 LEGAL, REGULATORY, AND PROFESSIONAL ENVIRONMENT 79

Module 1: Introduction, 80
 Module 2: The Rights of Individuals, 81
 Interviews, 82
 Searches, 82
 Surveillance, 83
 Discharging a Suspected Wrongdoer from Employment, 84
 Privileges, 84
 Module 3: Probable Cause, 85
 Module 4: Rules of Evidence, 87
 Module 5: Criminal Justice System, 88
 Module 6: Civil Justice System, 90
 Complaints and Pretrial Activity, 90
 Negotiated Settlements, 90
 Pretrial Motions and the Civil Trial, 91
 Basic Accounting Principles, 91
 Basic Accounting Principles—A Survivor’s Guide to Accounting, 91
 Performance Assessment and Decision Making, 96
 Regulatory System, 98
 The AICPA and Statement on Auditing Standards No. 99, 98
 The Sarbanes–Oxley Act of 2002, 99
 Enhanced Financial Disclosure Requirements, 105
 Enhanced Review of Periodic Filing, 105
 Enhanced Penalties for White-Collar Crime, 106
 Dodd-Frank, 108
 Committee of Sponsoring Organizations’ (COSO) Enterprise Risk Management Framework (ERM), 108
 IIA Practice Advisories 1210.A1 and 1210.A2, 109
 The Role of Corporate Governance, 110
 Critical Thinking, 110
 Review Questions, 111
 Multiple Choice Questions, 111
 Fraud Casebook, 112
 Short Answer Questions, 112
 Discussion Questions, 112
 Brief Cases, 112
 Major Case Investigation, 113
 IDEA Exercises: Assignment 3, 113

Tableau Exercises: Assignment 3, 113
 Endnotes, 113

SECTION II FRAUD SCHEMES 115

4 CASH RECEIPT SCHEMES AND OTHER ASSET MISAPPROPRIATIONS 117

Module 1: Skimming Schemes—Cash, 119
 Sales Skimming, 119
 Module 2: Skimming Schemes—Receivables, 124
 Lapping, 125
 Force Balancing, 125
 Stolen Statements, 125
 Fraudulent Write-Offs or Discounts, 126
 Debiting the Wrong Account, 126
 Destroying or Altering Records of the Transaction, 126
 Preventing and Detecting Receivables Skimming, 126
 Big Data and Data Analytic Techniques for Detecting Skimming, 127
 Module 3: Cash Larceny Schemes, 129
 Larceny at the Point of Sale, 129
 Larceny of Receivables, 131
 Cash Larceny from the Deposit, 132
 Big Data and Data Analytic Techniques for Detecting Cash Larceny, 134
 Module 4: Noncash Misappropriation Schemes, 135
 Misuse of Noncash Assets, 136
 Unconcealed Larceny Schemes, 136
 Asset Requisitions and Transfers, 138
 Purchasing and Receiving Schemes, 139
 False Shipments of Inventory and Other Assets, 139
 Other Schemes, 140
 Module 5: Concealing Inventory Shrinkage, 141
 Altered Inventory Records, 141
 Fictitious Sales and Accounts Receivable, 141
 Write-Off Inventory and Other Assets, 142
 Physical Padding, 142
 Module 6: Preventing and Detecting Noncash Thefts That Are Concealed by Fraudulent Support, 142
 Big Data and Data Analytic Techniques for Detecting Noncash Misappropriations, 143
 Critical Thinking, 145
 Review Questions, 145
 Multiple Choice Questions, 145
 Fraud Casebook, 146
 Short Answer Questions, 146
 Discussion Questions, 146
 Brief Cases, 146
 Major Case Investigation, 147
 IDEA Exercises: Assignment 4, 147
 Tableau Exercises: Assignment 4, 147
 Endnotes, 147

5 CASH DISBURSEMENT SCHEMES 148

- Module 1: Billing Schemes, 150
 - Shell Company Schemes, 150
 - Billing Schemes Involving Nonaccomplice Vendors, 154
 - Personal Purchases with Company Funds, 156
- Module 2: Check Tampering Schemes, 161
 - Forged Maker Schemes, 161
 - Forged Endorsement Schemes, 165
 - Altered Payee Schemes, 167
 - Concealed Check Schemes, 169
 - Authorized Maker Schemes, 169
 - Concealing Check Tampering, 172
- Module 3: Payroll Schemes, 176
 - Ghost Employees, 177
 - Falsified Hours and Salary, 180
 - Commission Schemes, 182
- Module 4: Expense Reimbursement Schemes, 186
 - Mischaracterized Expense Reimbursements, 187
 - Overstated Expense Reimbursements, 189
 - Fictitious Expense Reimbursement Schemes, 190
 - Multiple Reimbursement Schemes, 192
- Module 5: Register Disbursement Schemes, 193
 - False/Fictitious Refunds, 193
 - False Voids, 194
 - Concealing Register Disbursements, 195
 - Preventing and Detecting Register Disbursement Schemes, 195
- Critical Thinking, 197
- Review Questions, 197
- Multiple Choice Questions, 197
- Fraud Casebook, 198
 - Short Answer Questions, 198
 - Discussion Questions, 198
- Brief Cases, 199
- Major Case Investigation, 199
- IDEA Exercises: Assignment 5, 200
- Tableau Exercises: Assignment 5, 200
- Endnotes, 200

6 CORRUPTION AND THE HUMAN FACTOR 201

- Module 1: Corruption Schemes, 203
- Module 2: Bribery, 204
 - Kickback Schemes, 204
 - Diverting Business to Vendors, 204
 - Overbilling Schemes, 205
 - Other Kickback Schemes, 206
 - Slush Funds, 206
 - Preventing and Detecting Kickback Schemes, 206
 - Bid-Rigging Schemes, 207
- Module 3: Foreign Corrupt Practices Act (FCPA), 211
- Module 4: Illegal Gratuities, Economic Extortion, and Conflicts of Interest, 213
 - Illegal Gratuities, 213

- Economic Extortion, 213
- Conflicts of Interest, 214
- Big Data and Data Analytic Techniques for Detecting Corruption, 217
- Module 5: The Human Factor, 218
 - Greed, 219
 - Wages in Kind, 219
 - Unreasonable Expectations, 220
 - Understanding Fraud Deterrence, 220
- Critical Thinking, 222
- Review Questions, 222
- Multiple Choice Questions, 222
- Fraud Casebook, 223
 - Short Answer Questions, 223
 - Discussion Questions, 224
- Brief Cases, 224
- Major Case Investigation, 224
- IDEA Exercises: Assignment 6, 225
- Tableau Exercises: Assignment 6, 225
- Endnotes, 225

7 FINANCIAL STATEMENT FRAUD 226

- Module 1: Financial Reporting Fraud: Who, Why, and How, 228
 - Financial Statement Fraud, 228
- Module 2: Accounting Principles and Fraud, 230
 - Conceptual Framework for Financial Reporting, 230
 - Responsibility for Financial Statements, 233
 - Users of Financial Statements, 233
 - Types of Financial Statements, 234
 - Types of Fraudulent Financial Statement Schemes, 234
- Module 3: Fraudulent Financial Statement Schemes, 238
 - Defining Financial Statement Fraud, 238
 - Costs of Financial Statement Fraud, 239
 - Fictitious Revenues, 240
 - Timing Differences, 241
 - A Closer Look at Subscription Pricing and Revenue Recognition, 244
 - Concealed Liabilities and Expenses, 246
 - Improper Disclosures, 247
 - Improper Asset Valuation, 248
- Module 4: Detection of Fraudulent Financial Statement Schemes, 252
 - Financial Statement Analysis, 252
- Module 5: Deterrence of Financial Statement Fraud, 259
 - Reduce Pressures to Commit Financial Statement Fraud, 259
 - Reduce the Opportunity to Commit Financial Statement Fraud, 259
 - Reduce Grounds for Rationalizing Financial Statement Fraud, 259
- Critical Thinking, 262
- Review Questions, 262

Multiple Choice Questions, 262
 Fraud Casebook, 263
 Short Answer Questions, 263
 Discussion Questions, 263
 Brief Cases, 263
 Major Case Investigation, 265
 IDEA Exercises: Assignment 7, 265
 Tableau Exercises: Assignment 7, 265
 Endnotes, 265

SECTION III DETECTION AND INVESTIGATIVE TOOLS AND TECHNIQUES 267

8 FRAUD DETECTION: RED FLAGS AND TARGETED RISK ASSESSMENT 269

The Fraud Prompt—Simple and Effective, 269
 Module 1: Corporate Governance and Fraud, 270
 Satyam Fraud: A Failure in Corporate
 Governance, 270
 The Fraud Risk Universe, 270
 Management's Responsibility, 270
 The Role of the External Auditor, 272
 Boards of Directors and Audit Committees, 275
 Internal Auditors, 276
 Module 2: Fraud Detection, 277
 Social Media as a Tool for Fraud Detection, 277
 Understanding the Business, 278
 The Internal Control Environment, 279
 The Use of Red Flags to Detect Fraud, 279
 Tips and Complaints, 280
 Behavioral Red Flags, 280
 Analytical Anomalies, 280
 Accounting Anomalies, 281
 Internal Control Irregularities and Weaknesses, 283
 The Power of Nonfinancial Numbers, 284
 Using Red Flags as a Basis for Further
 Investigation, 285
 Module 3: Targeted Fraud Risk Assessment, 286
 Module 4: Targeted Fraud Risk Assessment in a Digital
 Environment, 292
 Prevention and Deterrence in a Digital
 Environment, 292
 Digital Evidence, 292
 Detection and Investigation in a Digital
 Environment, 292
 Critical Thinking, 293
 Review Questions, 293
 Multiple Choice Questions, 293
 Fraud Casebook, 294
 Short Answer Questions, 294
 Discussion Questions, 295
 Brief Cases, 295
 Major Case Investigation, 297
 IDEA Exercises: Assignment 8, 298

Tableau Exercises: Assignment 8, 298
 Endnotes, 298

9 EVIDENCE-BASED FRAUD EXAMINATIONS 299

The Fraud Triangle and the Courts, 299
 Module 1—Fraud Examinations: Who, What, Where,
 When, How, and Why, 300
 Evidence-Based Examinations, 300
 The Hypothesis-Evidence Matrix, 300
 Predication, 302
 The Fraud Triangle: Opportunity, Perceived Pressure,
 and Rationalization, 302
 M.I.C.E., 303
 The Problem of Intent: Examinations Centered
 on the Elements of Fraud, 304
 The Complete Story, 304
 Module 2—Evidence, 304
 Evaluating the Quality of Evidence: Relevance,
 Reliability, and Validity, 306
 Organizing the Evidence and Documenting Work
 Product, 306
 Module 3—Evidence Sources of the Act, Concealment,
 and Conversion, 307
 Documents, 308
 Bank, Credit Card, and Investment Statements, 309
 Invigilation, 309
 Confidential Sources and Informants, 311
 CTRs, SARs, and FinCen 8300, 311
 Big Data, Data Analytics, Textual Analysis, Pattern
 Recognition, and Other Digital Tools, 312
 Other Physical Evidence, 312
 Module 4—Evidence Sources Specific
 to Concealment, 313
 Altered Documents, 313
 General Ledger, Journal Entries, and Reconciling
 Items, 314
 Tax Returns, 314
 Module 5—Evidence Sources Specific
 to Conversion, 315
 Error or Fraud?, 315
 Locating Hidden Assets and Unknown Sources
 of Income, 315
 Concealed Offshore Financial Accounts,
 Transactions, and Loans, 315
 Indirect Methods of Income Reconstruction, 316
 Critical Thinking, 329
 Review Questions, 329
 Multiple Choice Questions, 329
 Fraud Casebook, 330
 Short Answer Questions, 330
 Discussion Questions, 330
 Brief Cases, 331
 Major Case Investigation, 332
 IDEA Exercises: Assignment 9, 333
 Tableau Exercises: Assignment 9, 333

Endnotes, 333
 Appendix A: Data Collection Checklist 334

10 EFFECTIVE INTERVIEWING AND INTERROGATION 335

Module 1: Introduction to Interviews and Interrogations, 337
 Interviews in Cases of Suspected Fraud or Corruption, 338
 Interviews in Fraudulent Financial Statement and Tax Return Examinations, 338
 Module 2: Details of the Interview and Interrogation Process, 338
 Preparation and Planning, 339
 General Approach to Conducting Interviews, 339
 Interviews of Witnesses, 340
 Three Stages of Interviewing: Introduction, Body, and Close, 340
 Two Stages of Interrogations: Introduction and Admission-Seeking, 341
 Module 3: Five Types of Interview and Interrogation Questions, 341
 Introductory Questions, 341
 Informational Questions, 343
 Closing Questions, 345
 Assessment Questions, 346
 Admission-Seeking Questions, 349
 Joe Wells' Ten Commandments for Effective Interviews, 350
 Module 4: Steps in the Admission-Seeking Interview (Interrogation), 350
 Accuse the Subject of Committing the Offense, 350
 Observe Reaction, 351
 Repeat Accusation, 351
 Interrupt Denials, 351
 Establish Rationalization, 351
 Defuse Alibis, 353
 Obtain the Benchmark Admission, 353
 Transition to the Verbal Confession, 354
 Obtain a Signed Statement, 355
 Module 5: Judging Deception, 357
 Physiology of Deception, 357
 Verbal Cues to Deception, 358
 Nonverbal Cues to Deception, 359
 Ability to Judge Deception, 360
 Critical Thinking, 361
 Review Questions, 361
 Multiple Choice Questions, 361
 Fraud Casebook, 362
 Short Answer Questions, 362
 Discussion Questions, 362
 Brief Cases, 363
 Major Case Investigation, 364
 IDEA Exercises: Assignment 10, 364
 Tableau Exercises: Assignment 10, 364

Endnotes, 364
 Appendix: Comprehensive Guidelines: Information Collected in Interviews 365

11 USING INFORMATION TECHNOLOGY FOR FRAUD EXAMINATION AND FINANCIAL FORENSICS 367

Module 1: The Digital Environment, 368
 Overview of Information Technology Controls, 368
 IT Audits and Assurance Activities, 369
 Module 2: Digital Evidence, 370
 Tools Used to Gather Digital Evidence, 371
 Recovering Deleted Files, 371
 Recovering Deleted Emails, 372
 Restoring Data, 372
 Module 3: Detection and Examination in a Digital Environment, 373
 Framework for Data Extraction and Analysis Tools and Techniques, 374
 Data Extraction and Analysis Software Functions, 375
 Data Extraction and Analysis Software, 378
 Module 4: Graphics and Graphics Software, 381
 The Association Matrix, 381
 Link Charts, 382
 Flow Diagrams, 383
 Timelines, 384
 Other Graphical Formats, 385
 Graphical Software, 386
 Module 5: Case Management Software, 386
 Critical Thinking, 387
 Review Questions, 387
 Multiple Choice Questions, 388
 Fraud Casebook, 388
 Short Answer Questions, 389
 Discussion Questions, 389
 Brief Cases, 389
 Chart and Graphical Presentation, 389
 Graphical Presentation: Yellowstone, 389
 Part I, 389
 Part II, 390
 Major Case Investigation, 390
 IDEA Exercises: Assignment 11, 390
 Tableau Exercises: Assignment 11, 390
 Endnotes, 391

SECTION IV ADVANCED TOPICS IN FORENSIC ACCOUNTING AND FRAUD EXAMINATION 393

12 COMPLEX FRAUDS AND FINANCIAL CRIMES 395

Former Congressman Pleads Guilty to Helping Charitable Entity with Ties to Terrorist Organization, 395
 Module 1: The Predator versus the Situational Fraudster, 396

Module 2: Collusion among Multiple Individuals, Organizations, or Jurisdictions, 397	
Mixing Legitimate and Illegal Activities, 397	
The Need to Isolate Illegal Activities, 398	
Module 3: Dismantling Organizations using Asset Forfeiture and Seizure, 398	
Module 4: Schemes and Illegal Acts Associated with Complex Frauds and Financial Crimes, 398	
Organized Crime, 399	
Drug Trafficking, 400	
Terrorist Financing, 400	
Money Laundering, 402	
Racketeering Influence and Corrupt Organizations Act (RICO), 404	
Conspiracy, 404	
USA Patriot Act, 405	
The Bank Secrecy Act, 405	
Mail Fraud, 406	
Wire Fraud, 406	
The Foreign Corrupt Practices Act (FCPA), 406	
The (UK) Bribery Act, 407	
Module 5: The U.S. Banking System, 407	
Module 6: Tools and Techniques for Moving Money, 409	
Hawala Dealer in Washington Imprisoned for Over Nine Years, 409	
Money Laundering Strategies and Techniques, 409	
Module 7: Other Complex Frauds and Financial Crimes, 415	
Tax Evasion and Fraud, 415	
Bankruptcy Fraud, 418	
Securities Fraud, 420	
Critical Thinking, 421	
Review Questions, 421	
Multiple Choice Questions, 422	
Fraud Casebook, 423	
Short Answer Questions, 423	
Discussion Questions, 423	
Brief Cases, 423	
Major Case Investigation, 425	
IDEA Exercises: Assignment 12, 425	
Tableau Exercises: Assignment 12, 425	
Endnotes, 425	

13 CYBERCRIME: FRAUD IN A DIGITAL WORLD 427

Module 1: The Digital Environment, 428	
The Role of Digital Devices in Cybercrime, 429	
Computer Fraud versus Computer Crime, 429	
Losses or Other Damages Related to Computer Crimes, 430	
International Aspects of Computer Crime, 431	
Module 2: Frauds and Other Threats in the Digital World, 433	
Insider Threats, 434	
Digital Device Hacking, 434	

Viruses and Other Malware, 436	
Hardware, Software, and Data Security, 439	
Module 3: Cyber Fraud, 440	
Electronic Commerce (E-Commerce), 441	
Typical Internet Schemes, 441	
Combating Internet Fraud, 443	
Module 4: Complex Frauds and Financial Crimes in Cyberspace, 443	
Artificial Intelligence (AI)—Possible Contributions to Forensic Accounting, Antifraud, and Compliance Efforts, 443	
Money Laundering in Cyberspace, 445	
Module 5: Reporting Cybercrime, 446	
Critical Thinking, 447	
The Killer Apartment, 447	
Review Questions, 447	
Multiple Choice Questions, 447	
Fraud Casebook, 448	
Short Answer Questions, 448	
Discussion Questions, 449	
Brief Cases, 449	
Major Case Investigation, 450	
IDEA Exercises: Assignment 13, 450	
Tableau Exercises: Assignment 13, 450	
Endnotes, 450	

14 ANTIFRAUD AND COMPLIANCE EFFORTS: ETHICS, PREVENTION, AND DETERRENCE 451

Module 1: Ethics, 452	
Approaches to Ethical Problem Solving, 453	
Ethical Principles, 453	
Ethics, Trust, and Responsibility, 454	
Ethics and Values as Drivers of Personal Behavior, 454	
Professional Conduct, 455	
Ethics at Client Entities: The Foundation for Fraud Prevention and Deterrence, 455	
Five-Step Approach to Compliance, Fraud Prevention, Deterrence, and Detection, 457	
Module 2: Compliance, 457	
Module 3: Fraud Deterrence, 459	
The Perception of Detection, 460	
Board of Directors, 461	
Audit Committee, 461	
Organizational Leadership, 462	
Internal Auditors, 462	
Accounting Personnel, 463	
Human Resources, 463	
Anonymous Communications, 463	
Line Employees and Staff, 463	
Legal and Compliance, 464	
Fraud Risk Management and Compliance Program, 464	
Fraud Action/Reaction AFTER Discovery, 465	
React to Early Warning Signs, 465	

Module 4: Fraud Prevention, 468
 Critical Thinking, 472
 Review Questions, 472
 Multiple Choice Questions, 473
 Fraud Casebook, 473
 Short Answer Questions, 474
 Discussion Questions, 474
 Brief Cases, 474
 Major Case Investigation, 476
 IDEA Exercises: Assignment 14, 476
 Tableau Exercises: Assignment 14, 477
 Endnotes, 477

SECTION V LITIGATION ADVISORY SERVICES AND REMEDIATION 479

15 CONSULTING, LITIGATION SUPPORT, AND EXPERT WITNESSING: DAMAGES, VALUATIONS, AND OTHER ENGAGEMENTS 481

Module 1: Consulting, Litigation Support, and Expert
Witnessing, 482
 Professional Standards and Guidance, 482
 Engagement Issues and Professional
 Responsibility, 483
 Types of Consulting and Litigation Support
 Activities, 484
 Tools and Techniques: General Discussion, 484
 Module 2: Commercial Damages, 488
 Legal Framework for Damages, 489
 Types of Commercial Damages, 489
 The Loss Period, 489
 Economic Framework for Damages, 490
 Quantifying Lost Revenues and Increased
 Expenses, 492
 Determining Lost Profits, 493
 Determining Incremental Costs, 493
 Variable Cost Application, 495
 The Time Value of Money, 498
 Communicating and Defending the Results
 of Commercial Damage Estimates, 499
 Commercial Damages Application, 500
 Module 3: Valuations, 504
 Overall Engagement Considerations, 505
 The Types of Valuation Engagements, 505
 Measures of Value, 506
 Determining Market, Fair Market, and Fair
 Value, 506
 Discounted Earnings and Cash Flows, 507
 Capitalized Earnings, 507
 Estimating the Risk-Adjusted Discount/Capitalization
 Rate, 507
 Forecasting Income and Cash Flows, 508
 Asset Valuation Models, 510
 Market and Accounting-Based Comparables
 Models, 510

Valuation Discounts and Premiums, 510
 Other Ownership Interests Subject
 to Valuation, 510
 Conclusion of Value, 510
 Valuation Application, 511
 Balance Sheet Adjustments, 514
 Income Statement Adjustments, 516
 Valuation Calculations, 516
 Conclusion of Value, 519
 Module 4: Personal Injury, Wrongful Death, and Survival
 Actions, 520
 Losses: Personal Injury, 520
 Losses: Wrongful Death and Survival Cases, 521
 Analysis of Earnings Losses, 521
 Analysis of Lost Employment Benefits Associated
 with Lost Earnings, 525
 Analysis of Lost Nonmarket Services, 526
 Analysis of Medical and Life-Care Costs, 527
 Injured Children, Homemakers, and Retired
 Persons, 527
 Personal Injury and Lost Compensation
 Application, 527
 Critical Thinking, 535
 Review Questions, 535
 Multiple Choice Questions, 535
 Fraud Casebook, 536
 Short Answer Questions, 536
 Discussion Questions, 536
 Brief Cases, 536
 Major Case Investigation, 539
 IDEA Exercises: Assignment 15, 539
 Tableau Exercises: Assignment 15, 539
 Endnotes, 540

16 REMEDIATION AND LITIGATION ADVISORY SERVICES 541

Module 1: Introduction to Remediation, 543
 Module 2: Recovery of Money and Other Assets, 543
 Identification of Money and Assets
 for Recovery, 544
 "Following" versus "Tracing" the Money, 544
 Legal Methods for Recovery of Assets, 545
 Module 3: Support for Criminal and Civil Court
 Actions, 546
 The Character and Flavor of Being an Expert
 Witness, 547
 Fact Witness versus Expert Witness, 548
 Supporting the Investigation, 549
 View from the Trenches: Obtaining the Necessary
 Evidence, 550
 Evaluation of the Evidence, 550
 Report Writing, 551
 Credibility, 553
 Deposition Testimony, 554
 Direct Examination, 554

Cross-Examination, 555	Critical Thinking, 565
Testifying Can Turn Nasty, 556	Review Questions, 565
Module 4: Restructure the Internal Control Environment, 557	Multiple Choice Questions, 566
Root Cause and Critical Thinking, 558	Fraud Casebook, 566
Overview of an Antifraud Environment, 559	Short Answer Questions, 567
Internal Control Policies and Procedures, 560	Discussion Questions, 567
Risk Assessment and Internal Control, 560	Major Case Investigation, 567
The Importance of Corporate Governance, 560	IDEA Exercises: Assignment 16, 567
The Risk of Management Override, 561	Tableau Exercises: Assignment 16, 567
Early Reaction to Symptoms, 561	Endnotes, 567
AICPA Statement on Auditing Standard (SAS) No. 99, "Risk Factors Relating to Misstatements Arising from Fraudulent Financial Reporting", 562	Appendix A: Fraud/Financial Crimes Report, 568
AICPA Statement on Auditing Standard (SAS) No. 99 (AU 316), "Consideration of Fraud in a Financial Statement Audit" (Supersedes SAS No. 82, "Risk Factors Relating to Misstatements Arising from Misappropriation of Assets") and SAS 109 (AU 314), "Understanding the Entity and Its Environment and Assessing the Risks of Material Misstatement", 563	Appendix B: Commercial Damages/Lost Profits Report, 574
Lessons Learned, 565	Appendix C: Valuation Report, 580
	Appendix D: Forensic Economics (Personal Injury) Report, 609
	GLOSSARY G-1
	INDEX I-1