

- 2014 revised COSO framework. *See* COSO internal control framework
- Association of Certified Fraud Examiners (ACFE), 666
- Administrative files
  - workpaper document organization, 402
- AICPA fraud standards
  - AU-C, Section 240, 655
  - public accounting's role in fraud detection, 659
- American Society for Quality (ASQ)
  - ASQ Quality Audit Division (QAD), 718
  - CQA requirements, 699
  - quality assurance auditing, 717
  - quality audit process steps, 726
  - Six Sigma and Lean techniques, 746
- Analytical skills
  - internal audit key competencies, 355
- Application control process areas
  - Section 404 compliance reviews, 115
- Application controls. *See* COSO internal control framework
- Application input and output audit tests
  - performing applications controls reviews, 548
- Application input components
  - internal control processes, 535
- Application programs
  - IT application components, 528
- Application walk-through reviews
  - internal audit procedures, 536
- Applications testing objectives
  - performing applications controls reviews, 555
- Areas to audit
  - assessing internal audit capabilities, 321
  - audit program formats, 329
  - audit universe concepts, 315
  - internal audit "best evidence" classifications, 330
- AS5 auditing rules
  - internal audit SOX processes, 118
  - Section 404 compliance reviews, 109
- ASQ Quality Audit Division (QAD). *See* American Society for Quality (ASQ)
- Assessing internal audit capabilities
  - areas to audit, 321
- Association of certified fraud examiners. *See* Fraud detection and prevention
- Attributes sampling
  - evaluating attributes sampling results, 258
  - statistical sampling plans, 257
  - testing, assessing, and evaluating audit evidence, 252
- AU-C, section 240. *See* AICPA fraud standards
- Auditable entities identification. *See* Audit universe concepts
- Audit alternative testing approaches
  - internal audit processes, 356
- Audit and consulting best practices
  - consulting engagement letters, 711
  - developing an internal audit consulting strategy, 708
- Audit charter designations
  - launching an internal audit internal consulting capability, 706
- Audit committee and management audit charter authorizations
  - building the internal audit function, 337
  - internal audit charters, 338
- Audit committee financial expert
  - internal audit processes, 617
  - SOX requirements, 617
- Audit committee governance rules. *See* SOX Title III: corporate responsibility
- Audit committee responsibilities
  - chief audit executive appointment, 619
  - codes of conduct, 625
  - internal audit charter approval, 620
  - internal audit plans and budget approval, 621
  - internal audit processes, 619
  - whistleblower programs, 625
- Audit committees
  - audit committee organization, 611, 613
  - authorizing, 612
  - board resolution example, 612
  - charters, 613
  - Microsoft Corporation 2007 audit committee charter, 615
- Audit evidence gathering
  - computer-assisted audit techniques (CAATs), 289
  - performing effective internal audits, 204
- Audit findings elements
  - preliminary audit findings, 210
- Auditing enterprise ethics functions
  - internal audit processes, 649
- Auditing applications under development
  - performing applications controls reviews, 549
- Auditing big data internal controls
  - internal audit procedures, 518
- Auditing business continuity plans
  - internal audit procedures, 604
  - internal audit review points, 599
  - IT audit processes, 588
- Auditing COSO ERM
  - internal audit procedures, 177
- Auditing IT general controls
  - small IT business systems, 449

- Auditing IT infrastructure management
  - ITIL® best practices, 482
- Auditing IT security and privacy
  - IT audit processes, 576
- Auditing Six Sigma processes
  - internal audit procedures, 757
- Audit planning documentation. *See Project Management Book of Knowledge (PMBOK)*
- Audit plans
  - performing effective internal audits, 187
- Audit procedure files
  - workpaper document organization, 402
- Audit programs
  - areas to audit, 329
  - audit universe concepts, 325, 330
  - internal audit preparatory activities, 199
  - internal audit processes, 326
- Audit quality control standards. *See* PCAOB standard AS3
- Audit report
  - audit report findings, 419
  - interim memo audit reports, 426
  - key elements, 419
  - questionnaire-type audit reports, 426
  - reporting internal audit results, 412, 417, 429
- Audit sampling
  - computerized sampling software, 270
  - monetary unit sampling, 263
  - testing, assessing, and evaluating audit evidence, 236
- Audit universe concepts
  - areas to audit, 315
  - auditable entities identification, 319
  - audit programs, 325
  - audit program maintenance, 330
  - control objectives identification, 321
  - potential problems, 351
  - SOx section 404 internal control reviews, 323
- Audit workpapers retention
  - PCAOB standard AS3, 90
  - SOx requirements, 90
- Authorizing the audit committee, 612
- Availability management
  - ITIL service delivery, 481
- Basic support principles
  - 2014 revised COSO framework, 33
- Bayesian sampling
  - testing, assessing, and evaluating audit evidence, 268
- BCP client-server readiness review. *See* Business continuity planning (BCP)
- BCP deliverables. *See* Business continuity planning (BCP)
- BCP enterprise training. *See* Business continuity planning (BCP)
- Benchmarking. *See* Internal audit processes
- Benefits of internal audit quality assurance reviews
  - IIA international standards, 728
- Best evidence classifications. *See* Internal audit processes
- Big data analytics
  - compliance monitoring life cycle, 515
- Big data governance, risk, and compliance issues
  - internal control processes, 509
- Big data internal audit procedures
  - identifying higher-criticality applications, 514
- Big data internal control issues
  - processes, 510
- Big data management security issues
  - internal audit procedures, 513
- Black belt body of knowledge
  - Six Sigma leadership roles, 751
- Board audit committee communications
  - internal audit processes, 609, 612
- Board of directors role
  - COSO internal control principles, 64
- Brink, Victor Z., 6
- Building the internal audit function
  - audit committee and management audit charter
    - authorizations, 337
  - definition of internal auditing, 336
  - internal audit management responsibilities, 340
  - internal audit manager position description, 340
  - IT systems auditor basic knowledge requirements, 343
- Business continuity planning (BCP)
  - BCP client-server readiness review, 595
  - BCP deliverables, 597
  - desktop and laptop systems BCP processes, 596
  - desktop, laptop, and handheld applications, 294
  - emergency response plans, 291
  - service level agreements (SLAs), 603
  - steps to building a BCP, 590
- Business continuity planning risk management
  - business impact analysis, 598
  - internal audit processes, 589
- Business fraud examples
  - fraud detection and prevention, 654
- Business impact analysis
  - business continuity planning risk management, 598
- Business unit-level risks
  - operations risk management objectives, 175
- BYOD legal actions. *See* Internal control security risks
- BYOD risk tolerances. *See* Internal control processes
- BYOD security policy elements. *See* Internal control processes
- CAATT internal audit procedures. *See* Internal audit processes
- Capacity management
  - ITIL service delivery, 479
- Cause and effect diagram
  - internal audit internal consulting practices, 712
- CBOK concentration areas
  - internal audit CBOK summary, 790
- CBOK for the modern internal auditor
  - CBOK for the modern internal auditor, 782
  - IIARF CBOK approaches, 781
- CBOK high-level understanding
  - COBIT concepts and processes, 16
- CBOK knowledge requirements
  - COSO internal control framework, 29
  - Intentional Standards for the Professional Practice of Internal Auditing (IPPF)*, 215
  - internal audit CBOK summary, 790
  - planning and performing internal audits, 16
  - SOx knowledge and understanding, 16
- CBOK requirements
  - foundations of internal auditing, 782
  - GRC—governance, risk, and compliance—issues, 788
  - impact of IT on internal auditors, 786
  - importance of internal controls, 783
  - internal auditor professional requirements, 788

- organizing and managing internal audit activities, 785
- planning and performing internal audits, 784
- professional convergence requirements, 788
- CCSA requirements
  - other CIA certifications, 688
- Certified Information Systems Auditor (CISA)
  - CISA examination domain areas, 695
  - CISA requirements, 694
- Certified internal auditor requirements
  - internal auditor professional certifications, 330
- Certified quality auditor (CQA)
  - requirements, 330
- CFE requirements
  - other CISA certifications, 697
- CFSA requirements
  - other CIA certifications, 691
- CGAP requirements
  - other CIA certifications, 690
- CGEIT requirements
  - other CISA certifications, 695
- Change management
  - ITIL service support, 472
- Checklist format audit program
  - developing and preparing audit programs, 203
  - internal audit processes, 328
- Chief audit executive (CAE)
  - establishing an internal audit function, 338
  - internal audit responsibilities, 339
- Chief audit executive appointment
  - audit committee responsibilities, 619
  - significant findings audit committee report, 624
- CIA examination summary
  - CIA requirements, 685
- CIA requirements
  - CIA examination summary, 685
  - internal auditor professional certifications, 684
- CISA examination domain areas
  - Certified Information Systems Auditor (CISA), 695
- CISA requirements
  - Certified Information Systems Auditor (CISA), 694
  - other CISA certifications, 696–697
- Classifications of quality audits
  - quality assurance auditing, 719
- Client-server budgeting system
  - performing applications controls reviews, 546
- Client-server continuity planning
  - internal audit procedures, 293
- Client-server system configuration
  - small IT business systems characteristics, 446
- Client-server systems general IT controls
  - information systems operations, 441
- Cluster selection audit sample selection
  - statistical sampling plans, 251
- COBIT concepts and processes
  - CBOK high-level understanding, 16
- COBIT enabler types
  - COBIT standards and framework, 133
- COBIT framework
  - COBIT principle 1: meeting stakeholder needs, 128
  - COBIT principle 2: covering the enterprise end to end, 129
  - COBIT principle 3: a single integrated framework, 131
  - COBIT principle 4: enabling a holistic approach, 133
  - COBIT principle 5: separating governance from management, 135
- COBIT goal and IT objective mapping
  - COBIT standards and framework, 138
- COBIT goals and metrics
  - COBIT standards and framework, 132
- COBIT principle 1: meeting stakeholder needs. *See* COBIT framework
- COBIT principle 2: covering the enterprise end to end. *See* COBIT framework
- COBIT principle 3: a single integrated framework. *See* COBIT framework
- COBIT principle 4: enabling a holistic approach. *See* COBIT framework
- COBIT principle 5: separating governance from management. *See* COBIT framework
- COBIT process reference model
  - COBIT standards and framework, 136
- COBIT standards and framework
  - COBIT enabler types, 133
  - COBIT goal and IT objective mapping, 138
  - COBIT goals and metrics, 132
  - COBIT process reference model, 136
  - ISACA, 124
  - principles of internal controls, 125
- Code of conduct topics
  - code violations and corrective actions, 641
  - enterprise ethics issues, 639
- Code of ethics, 61
  - adherence, 61
- Code of ethics topics
  - COSO internal control principles, 62
- Code violations and corrective actions
  - code of conduct topics, 641
  - code violations and corrective actions, 63
- Codes of conduct
  - audit committee responsibilities, 625
- Commitment to competence
  - COSO internal control principles, 65
- Committee of sponsoring organizations (COSO)
  - internal control fundamentals, 30
  - internal controls definition, 30
- Common body of knowledge (CBOK)
  - definition of internal auditing, 11
  - internal audit requirements, 11
  - internal controls, 15
  - knowledge area concepts, 13
  - significance of internal auditing, 3
- Communicating internal audit results
  - internal audit performance standards, 227
- Communicating internal control deficiencies
  - COSO internal control principles, 83
- Communication problems
  - published audit reports, 433
- Compliance monitoring life cycle
  - big data analytics, 515
- Computer-assisted audit techniques (CAATs)
  - audit evidence gathering, 289
  - equity funding fraud, 282
  - internal audit processes, 273
- Computerized sampling software
  - audit sampling, 270
- Configuration management
  - ITIL service support, 470

- Consulting engagement letters
  - audit and consulting best practices, 711
- Continuity management
  - ITIL service delivery, 482
- Continuous assurance auditing
  - internal audit processes, 273
  - testing, assessing, and evaluating audit evidence, 275
- Continuous monitoring
  - internal audit processes, 276
- Control activities to mitigate risks. *See* COSO internal control principles
- Control activity policies and procedures. *See* COSO internal control principles
- Control environment
  - COSO internal control framework, 38
  - tone at the top, 40
- Control objectives identification
  - audit universe concepts, 321
- Control self-assessment (CSA) reviews
  - internal audit quality assurance review procedures, 732
- Control self-assessments (CSAs)
  - internal audit processes, 295
- Corporate responsibility for financial reports
  - SOx section 302, 96
- COSO Enterprise Risk Management (ERM), 141, 153, 155, 163
  - control activities, 167
  - framework, 153
  - information and communication, 169
  - internal environment component, 157
  - key elements, 155
  - monitoring, 170
  - objective setting, 159
  - operations risk management objectives, 172
  - risk response elements, 165
- COSO internal control principles
  - code of ethics topics, 62
  - integrity and ethical values, 60
- COSO internal control components
  - COSO reporting perspective, 58
  - monitoring activities, 53
- COSO internal control framework
  - 2014 revised COSO framework, 30
  - application controls, 47
  - CBOK knowledge requirements, 29
  - changes and concepts, 32
  - control environment, 38
  - COSO internal controls pyramid view, 31
  - information and communication processes, 49
  - internal control activities, 45, 46
  - internal control fundamentals, 30
  - internal control principles, 37
  - ISO standards, 776
  - monitoring activities, 55
  - revised COSO framework, 35
  - risk assessment, 40, 41
  - risk identification and analysis, 41
  - SOx legal compliance, 34
  - SOx requirements, 29
  - transaction controls, 46
- COSO internal control principles
  - 17 COSO principles, 60
  - board of directors role, 64
  - commitment to competence, 65
  - communicating internal control deficiencies, 83
  - control activities to mitigate risks, 72
  - control activity policies and procedures, 74
  - evaluating fraud risks, 69
  - fraud risk assessments, 70
  - holding people accountable, 67
  - identifying changes affecting internal controls, 71
  - information from relevant sources, 76
  - internal communications, 78
  - methods of internal communication, 80
  - selecting technology controls, 73
- COSO internal controls pyramid view. *See* COSO internal control framework
- COSO monitoring activities. *See* COSO internal control framework
- COSO reporting perspective. *See* COSO internal control components
- COSO risk assessment
  - risk response strategies, 44
  - types of enterprise business risks, 43
- Costs and pricing internal audit review steps
  - ITIL service delivery, 479
- CQA requirements
  - ASQ internal audit certifications, 699
  - certified quality auditor (CQA), 720
- CRMA requirements
  - other CIA certifications, 693
- CRSIC requirements
  - other CISA certifications, 697
- CSA processes
  - facilitated CSA reviews, 300
  - internal audit quality assurance, 297
  - questionnaire-based CSA reviews, 302
- Cybersecurity internal audit concerns
  - IT network security fundamentals, 561
- Cybersecurity internal controls audit procedures
  - internal audit processes, 578
- Data profiling privacy issues
  - Gramm-Leach-Bliley Act (GLBA), 570
- Data security concepts
  - IT passwords, 563
- Data variety and complexity issues
  - internal control processes, 506
- Define-Measure-Analyze-Improve-Control (DMAIC) model
  - Six Sigma concepts, 747
- Definition of internal auditing
  - building the internal audit function, 336
  - common body of knowledge (CBOK), 11
  - internal auditing, 4
  - internal auditing's mission statement, 9
  - Institute of Internal Auditors (IIA), 4
  - mission of internal auditing, 9
  - self-assessment functions, 7
- Deming PDCA cycle
  - quality assurance auditing, 724
- Desktop and laptop systems BCP processes
  - business continuity planning (BCP), 596
- Desktop, laptop, and handheld applications
  - business continuity planning (BCP), 294
- Developing an internal audit consulting strategy
  - audit and consulting best practices, 708
  - internal audit internal consulting practices, 704
- Developing and preparing audit programs

- checklist format audit program, 203
- petty cash audit program, 202
- Disaster recovery planning
  - internal audit key responsibilities, 586
- DMAIC model. *See* Six Sigma concepts
- DMAIC procedures. *See* Six Sigma concepts
- Document records management
  - internal audit workpapers, 409
- document standards review processes
  - documenting audit results, 409
- Documentation best practices
  - internal audit processes, 359
- Documentation skills
  - internal audit key competencies, 357
- Documenting audit results
  - document standards review processes, 409
  - input/output process flowcharts, 394
  - internal audit documentation requirements, 390
  - process modeling and workpapers, 390
  - tick marks, 406
  - workflow description process flowchart, 394
  - workpaper auditor tick marks examples, 406
  - workpaper point sheets, 404
- Documenting field survey results
  - internal audit field surveys, 198
- Documenting key processes
  - internal audit workflow processes, 393
- Due professional care
  - internal audit attribute standards, 221
- Duties and responsibilities of ASQ quality auditors
  - quality assurance auditing, 719
- DYOD internal audit issues
  - internal control processes, 486
- Early internal auditor responsibilities
  - history and background of internal auditing, 7
- Elements of GRC governance
  - GRC concepts, 674
- Elements of the negotiating process
  - internal audit processes, 362
- Emergency response plans
  - business continuity planning (BCP), 291
- Engagement planning
  - internal audit performance standards, 224
- Enterprise BYOD environments
  - internal audit procedures, 487
- Enterprise codes of conduct
  - enterprise governance processes, 637
- Enterprise compliance processes
  - ethics risk environment, 634
- Enterprise content management internal controls
  - internal control processes, 517
- Enterprise content management overview
  - internal control processes, 519
- Enterprise content management review procedures
  - internal audit procedures, 520
- Enterprise ethics functions
  - ethics attitude survey questions, 636
  - stakeholder ethics attitude surveys, 635
- Enterprise ethics issues
  - code of conduct topics, 639
  - internal audit processes, 630
- Enterprise governance processes
  - enterprise codes of conduct, 637
  - ethics risk environment, 633
  - hotline functions, 643
  - mission statements, 632
  - whistleblower call centers, 648
  - whistleblower programs, 643
- Enterprise internal audit consulting standards
  - IPPF professional standards, 702
- Enterprise risk
  - enterprise risk types, 146
- Enterprise risk management, 141, 142, 163
- Enterprise risk types, 146
- Enterprise social media policy
  - internal control processes, 500
  - social media computing risks, 501
- Entity-level risks
  - risks encompassing the entire organization, 174
- e-Office documentation best practices
  - internal audit processes, 358
- Equity funding fraud
  - computer-assisted audit techniques (CAATs), 282
- ERM control activities
  - COSO ERM key elements, 167
- ERM objective setting
  - COSO ERM, 159
- Establishing an internal audit function
  - chief audit executive (CAE), 338
  - internal audit charters, 338
  - role of the CAE, 338
- Ethics attitude survey questions
  - enterprise ethics functions, 636
- Ethics risk environment
  - enterprise compliance processes, 634
  - enterprise governance processes, 633
- Evaluating attributes sampling results
  - attributes sampling procedures, 258
- Evaluating fraud risks
  - COSO internal control principles, 69
- Facebook
  - social media example, 494
- Facilitated CSA reviews
  - CSA processes, 300
- Failed internal audit research approaches
  - IIARF 2007 CBOK study, 21
- Federal whistleblower rules, 644
- Files and databases
  - IT application components, 527
- Financial officer codes of ethics
  - section 404: management's assessment of internal controls, 102
- Financial management for IT services
  - ITIL service delivery, 477
- Foundations of internal auditing
  - CBOK requirements, 782
- Fraud detection and prevention
  - Association of Certified Fraud Examiners (ACFE), 666
  - business fraud examples, 654
  - internal auditor responsibilities, 664
  - red flags, 658
- Fraud investigations
  - internal audit processes, 665
- Fraud review objectives
  - internal audit processes, 666

- Fraud risk assessments
  - COSO internal control principles, 70
- Fraudulent financial reporting
  - Treadway Commission Report, 660
- General controls
  - IT infrastructure internal controls reviews, 440
- General controls internal audit objectives
  - large IT general controls preliminary survey, 457
  - small business IT systems, 453
- General controls reviews of IT operations
  - IT systems general controls, 461
- Global Audit Information Network (GAIN)
  - implementing benchmarking, 305
- Governance, risk, and compliance (GRC)
  - GRC risk management strategies, 676
  - internal audit processes, 672
- Gramm-Leach-Bliley Act (GLBA)
  - data profiling privacy issues, 570
- GRC concepts
  - elements of GRC governance, 674
  - internal control processes, 673
- GRC practices and principles
  - internal control processes, 679
- GRC Risk Management Strategies
  - governance, risk, and compliance (GRC), 676
- GRC—governance, risk, and compliance—issues
  - CBOK requirements, 788
- Health Insurance Portability and Accountability Act (HIPAA)
  - IT systems privacy concerns, 570
- History and background of internal auditing
  - early internal auditor responsibilities, 7
  - Institute of Internal Auditors (IIA), 6
  - internal auditing, 5
  - Victor Z. Brink, 6
- Holding people accountable
  - COSO internal control principles, 67
- Hotline functions
  - enterprise governance processes, 643
- Identify higher-criticality applications
  - big data internal audit procedures, 514
- Identifying changes affecting internal controls
  - COSO internal control principles, 71
- IIA code of ethics
  - intentional standards for the professional practice of internal auditing (IPPF), 229
- IIA F CBOK documentation approaches
  - internal auditor CBOK, 20
- IIA GAIN benchmarking questionnaire
  - internal audit processes, 308
- IIA international standards
  - benefits of internal audit quality assurance reviews, 728
  - IIA standards for detecting and investigating fraud, 663
  - internal audit quality assurance reviews, 727
- IIA standards for detecting and investigating fraud
  - IIA international standards, 663
- IIARF 2007 CBOK study
  - failed internal audit research approaches, 21
- IIARF 2015 CBOK planned analysis
  - planned IIARF CBOK study, 23
- IIARF prior CBOK approaches
  - CBOK for the modern internal auditor, 781
- Impact of IT on internal auditors
  - CBOK requirements, 786
- Implementing benchmarking
  - Global Audit Information Network (GAIN), 305
- Implementing consulting recommendations
  - internal audit internal consulting practices, 713
- Importance of internal controls
  - CBOK requirements, 783
- Incident management
  - ITIL service support, 466
- Information and communication
  - COSO ERM, 169
- Information and communication processes
  - COSO internal control framework, 49
  - internal communications, 52
  - relevant information, 50
- Information from relevant sources
  - COSO internal control principles, 76
- Information systems audit specialists
  - internal audit organizations, 342
- Information systems operations
  - client-server systems general IT controls, 441
  - IT systems general controls, 440
- Information technology fraud prevention processes
  - internal audit processes, 667
- Inherent risk
  - risk management fundamentals, 163
- Input/Output Process Flowcharts
  - documenting audit results, 394
- Institute of Internal Auditors (IIA)
  - definition of internal auditing, 4
  - history and background of internal auditing, 6
- Integrity and ethical values
  - COSO internal control principles, 60
- Intentional Standards for the Professional Practice of Internal Auditing (IPPF)
  - CBOK knowledge requirements, 215
  - IIA code of ethics, 229
  - internal audit attribute standards, 220
  - internal auditor code of ethics, 229
  - internal audit performance standards, 223
  - internal audit IPPF principles, 232
  - IPPF required and recommended elements, 217
  - performing effective internal audits, 214
  - red book standards, 218
- Interim memo audit reports
  - audit report formats, 426
- Internal audit requirements
  - common body of knowledge (CBOK), 11
- Internal audit “best evidence” classifications
  - areas to audit, 330
- Internal audit attribute standards
  - due professional care, 221
  - intentional standards for the professional practice of internal auditing (IPPF), 220
  - quality assurance programs, 222
- Internal audit BCP review procedures
  - IT audit processes, 292
- Internal audit benchmarking
  - internal audit processes, 305
- Internal audit CBOK summary
  - CBOK concentration areas, 790
  - CBOK knowledge requirements, 790
- Internal audit charter approval
  - audit committee responsibilities, 620

- Internal audit charters
  - audit committee authorizations, 338
  - establishing an internal audit function, 338
  - internal audit processes, 335
  - performing effective internal audits, 186
- Internal audit communications
  - published audit reports, 433
- Internal audit data center reviews
  - IT systems general controls, 460
- Internal audit department privacy and security
  - internal audit processes, 581
  - workpaper security, 582
- Internal audit documentation best practices
  - internal audit key competencies, 359
- Internal audit documentation requirements
  - documenting audit results, 390
  - process modeling for internal auditors, 391
- Internal audit engagement letters
  - internal audit field surveys, 194
- Internal audit essential knowledge areas
  - internal auditor CBOOK, 25
- Internal audit field surveys
  - documenting field survey results, 198
  - internal audit engagement letters, 194
  - internal audit preparatory activities, 195
- Internal audit fieldwork
  - monitoring internal audit fieldwork, 209
  - performing effective internal audits, 206
  - preliminary audit findings, 208
- Internal audit fraud detection signs
  - red flags, 657
- Internal audit GRC approaches a
  - internal audit processes, 672
- Internal audit health check assessment
  - internal audit processes, 618
- Internal audit internal consulting practices
  - cause and effect diagram, 712
  - developing an internal audit consulting strategy, 704
  - implementing consulting recommendations, 713
- Internal audit interview skills
  - internal audit key competencies, 354
- Internal audit IPPF principles
  - intentional standards for the professional practice of
    - internal auditing (IPPF), 232
- Internal audit key competencies
  - analytical skills, 355
  - documentation skills, 357
  - internal audit documentation best practices, 359
  - internal audit interview skills, 354
  - internal auditor commitments to learning, 363
  - internal audit processes, 352
  - negotiation skills, 361
  - testing skills competencies, 356
- Internal audit key responsibilities
  - disaster recovery planning, 586
- Internal audit manager position description
  - building the internal audit function, 340
- Internal audit organization
  - planning internal audits, 183
- Internal audit organizations
  - information systems audit specialists, 342
  - internal auditor staff-level position description, 342
- Internal audit performance standards
  - communicating internal audit results, 227
  - engagement planning, 224
  - intentional standards for the professional practice of
    - internal auditing (IPPF), 223
    - managing the internal audit activity, 223
    - performing an internal audit engagement., 226
- Internal audit plans and budgets approval
  - audit committee responsibilities, 621
- Internal audit preliminary surveys
  - internal audit preparatory activities, 190
- Internal audit preparatory activities
  - audit programs, 199
  - internal audit field surveys, 195
  - internal audit preliminary surveys, 190
  - planning internal audits, 185
- Internal audit principles
  - ISACA code of professional ethics, 231
- Internal audit procedures
  - application walk-through reviews, 536
  - auditing big data internal controls, 518
  - auditing business continuity plans, 604
  - auditing COSO ERM, 177
  - auditing Six Sigma processes, 757
  - big data management security issues, 513
  - client-server continuity planning, 293
  - enterprise BYOD environments, 487
  - enterprise content management review procedures, 520
  - international auditing standards, 777
  - IT application controls, 524
  - IT application review control objectives, 540
  - ITIL® configuration management, 472
  - object-oriented programming (OOP) concepts, 530
  - performing applications controls reviews, 534
  - preimplementation review objectives, 551
  - purchased software internal controls audit checklist, 532
  - review of a Six Sigma program, 759
  - Six Sigma and Lean techniques, 756
  - social media internal audit issues, 492, 504
- Internal audit process: summarized steps
  - performing effective internal audits, 214
- Internal audit processes
  - audit alternative testing approaches, 356
  - audit committee financial expert, 617
  - audit committee responsibilities, 619
  - audit program formats, 326
  - audit universe schedule potential problems, 351
  - auditing enterprise ethics functions, 649
  - benchmarking, 295
  - best evidence classifications, 330
  - board audit committee communications, 609, 612
  - business continuity planning risk management, 589
  - CAATT internal audit procedures, 283
  - checklist-format audit programs, 328
  - computer-assisted audit techniques (CAATs), 273
  - continuous assurance auditing, 273
  - continuous monitoring, 276
  - control self-assessments (CSAs), 295
  - cybersecurity internal controls audit procedures, 578
  - documentation best practices, 359
  - elements of the negotiating process, 362
  - enterprise ethics issues, 630
  - e-Office documentation best practices, 358
  - fraud investigations, 665
  - fraud review objectives, 666
  - governance, risk, and compliance (GRC), 672
  - IIA GAIN benchmarking questionnaire, 308
  - information technology fraud prevention processes, 667

- Internal audit processes (*continued*)
  - internal audit benchmarking, 305
  - internal audit charters, 335
  - internal audit department privacy and security, 581
  - internal audit GRC approaches, 672
  - internal audit health check assessment, 618
  - internal audit key competencies, 352
  - internal audit quality assurance reviews, 727
  - internal audit quality review steps, 738
  - internal audit report objectives, 413
  - internal audit report privacy, 584
  - internal audit workpaper security best practices, 583
  - project management, 366
  - quality assurance reviews of the internal audit function, 727
  - quality review engagement memo, 736
  - reporting audit results, 360
  - reporting internal audit results, 411
  - reporting the results of an internal audit quality assurance review, 741
  - reviews of compliance activities, 678
  - section 404 compliance reviews, 110
  - Six Sigma and Lean techniques, 746
  - SOx whistleblower, 646
  - understanding and recognizing fraud, 655
- Internal audit project management
  - Project Management Institute's *Project Management Body of Knowledge* (PMBOK), 365
- Internal audit quality assurance
  - CSA processes, 297
- Internal audit quality assurance review procedures
  - control self-assessment (CSA) reviews, 732
  - QA reviews of individual completed audits, 739
  - quality assurance auditing, 731
  - quality assurance review approaches, 734
- Internal audit quality assurance reviews
  - IIA international standards, 727
  - internal audit processes, 727
  - quality assurance auditing, 730
- Internal audit quality review steps
  - internal audit processes, 738
- Internal audit report objectives
  - internal audit processes, 413
  - reporting internal audit results, 423
- Internal audit report privacy
  - internal audit processes, 584
- Internal audit responsibilities
  - chief audit executive (CAE), 339
- Internal audit review points
  - auditing business continuity processes, 599
- Internal audit risk management
  - managing the internal audit universe, 353
- Internal audit SOx processes
  - AS5 auditing rules, 118
- Internal audit workflow processes
  - documenting key processes, 393
- Internal audit workpaper security best practices
  - internal audit processes, 583
- Internal audit workpapers
  - document records management, 409
  - process modeling, 396
  - travel audit workpaper example, 404
  - workpaper objectives, 397
  - workpaper preparation techniques, 405
  - workpaper review processes, 407
- Internal auditing
  - definition of internal auditing, 4
  - history and background of internal auditing, 5
- Internal auditing motto
  - Progress through Sharing, 11
- Internal auditing's mission statement
  - definition of internal auditing, 9
  - Internal Standards for the Professional Practice of Internal Auditing (IPPF), 9
  - IPPF, 9
- Internal auditor CBOK
  - IIA Research Foundations's CBOK documentation approaches, 20
  - internal audit essential knowledge areas, 25
  - Internal Standards for the Professional Practice of Internal Auditing* (IPPF), 16
  - objectives of this book, 14
- Internal auditor code of ethics
  - Intentional Standards for the Professional Practice of Internal Auditing (IPPF), 229
- Internal auditor commitments to learning
  - internal audit key competencies, 363
- Internal auditor professional certifications
  - certified internal auditor requirements, 684
  - CIA requirements, 684
  - value of CIA specialty certifications, 693
- Internal auditor professional requirements
  - CBOK requirements, 788
- Internal auditor responsibilities
  - fraud detection and prevention, 664
- Internal auditor staff-level position description
  - internal audit organizations, 342
- Internal communications
  - COSO internal control principles, 78
  - information and communication processes, 52
- International Organization for Standardization (ISO), 762
- Internal control activities
  - COSO internal control framework, 45, 46
  - transaction control activities, 48
- Internal control components
  - internal control principles, 33
- Internal control concerns
  - small IT business systems characteristics, 449
- Internal control evaluations
  - monitoring COSO internal controls, 83
- Internal control fundamentals
  - committee of sponsoring organizations (COSO), 30
  - COSO internal control framework, 30
  - major components of internal control, 33
- Internal control principles
  - COSO internal control framework, 37
  - internal control components, 33
  - three components of internal control, 33
- Internal control processes
  - application input components, 525
  - big data governance, risk, and compliance issues, 509
  - big data internal control issues, 510
  - BYOD risk tolerances, 488
  - BYOD security policy elements, 488
  - data variety and complexity, 506
  - DYOD internal audit issues, 486
  - enterprise content management internal controls, 517
  - enterprise content management overview, 519
  - enterprise social media policy, 500



- IT application components, 524
- IT application output components, 533
- GRC concepts, 673
- GRC practices and principles, 679
- Internal control security risks
  - BYOD legal actions, 489
  - IT social engineering security risk methods, 569
  - NIST cybersecurity framework, 573
  - NIST implementation steps, 575
  - NIST tiers of cybersecurity maturity, 573
  - social engineering IT risks, 568
- Internal controls
  - common body of knowledge (CBOK), 15
- Internal controls changes and concepts
  - 2014 revised COSO framework, 32
- Internal controls definition
  - committee of sponsoring organizations (COSO), 30
- Internal environment component. *See* COSO Enterprise Risk Management (ERM)
- Internal Standards for the Professional Practice of Internal Auditing (IPPF)
  - internal auditing's mission statement, 9
  - internal auditor CBOK, 16
- International auditing standards
  - internal audit procedures, 777
- Interval selection audit sample selection
  - statistical sampling plans, 250
- IPPF
  - internal auditing's mission statement, 9
  - mission statements, 9
- IPPF professional standards
  - enterprise internal audit consulting standards, 702
- IPPF required and recommended elements
  - Intentional Standards for the Professional Practice of Internal Auditing (IPPF), 217
- ISACA
  - COBIT standards and framework, 124
- ISACA code of professional ethics
  - internal audit principles, 231
- ISO
  - international organization for standardization, 762
  - ISO standards overview, 764
  - worldwide internal audit standards, 762
- ISO 2000
  - service quality management, 771
- ISO 27002
  - ISO IT security standards, 768
- ISO 27002
  - IT security standards, 768
  - IT security technique requirements, 770
- ISO 38500
  - IT governance standard, 772
- ISO 38500 model
  - IT governance standard, 774
  - objectives, 772
- ISO 9000 standards
  - quality assurance auditing, 723
- ISO 9001 quality management systems
  - ISO standards, 765
  - quality management system processes, 767
- ISO certification processes
  - ISO standards, 764
- ISO documentation hierarchy, 768
- ISO standards
  - COSO internal control framework, 776
  - ISO certification processes, 764
  - ISO documentation hierarchy, 768
  - ISO 9001 quality management systems, 765
  - ISO 38500 objectives, 772
- ISO standards overview
  - ISO, 764
- IT application audit test procedures
  - reviewing application management controls, 543
- IT application components
  - application programs, 528
  - files and databases, 527
  - internal control processes, 524
  - IT application development review guidelines, 531
- IT application controls
  - internal audit procedures, 524
- IT application development review guidelines
  - IT application components, 531
- IT application output components
  - internal control processes, 533
- IT application review control objectives
  - internal audit procedures, 540
- IT audit processes
  - auditing business continuity processes, 588
  - auditing IT security and privacy, 576
  - internal audit BCP review procedures, 292
- IT control hierarchy
  - selecting technology controls, 73
- IT disaster recovery plans
  - IT security processes, 585
- IT governance standard
  - ISO 38500, 772, 774
- IT infrastructure internal control reviews
  - general controls, 440
- IT network security fundamentals
  - cybersecurity internal audit concerns, 561
  - IT security threats, 561
  - password logon process, 564
  - system firewall controls, 566
  - viruses and malicious program code, 565
- IT passwords
  - data security concepts, 563
- IT security processes
  - IT disaster recovery plans, 585
- IT security technique requirements
  - ISO 27002, 770
- IT security threats
  - IT network security fundamentals, 561
  - IT systems privacy concerns, 570
  - target corporation security breach, 562
- IT social engineering security risk methods
  - internal control security risks, 569
- IT systems auditor basic knowledge requirements
  - building the internal audit function, 343
- IT systems general controls
  - general controls reviews of IT operations, 461
  - information systems operations, 440
  - internal audit data center reviews, 460
  - ITIL<sup>®</sup> service support IT infrastructure best practices, 465
  - large IT systems, 454
  - large IT systems general controls review objectives, 462
  - legacy systems, 453
  - mainframe legacy system controls, 455
  - operating systems software, 458
  - small IT business systems characteristics, 444

- IT systems privacy concerns
  - IT security threats, 570
  - Health Insurance Portability and Accountability Act (HIPAA), 570
  - PCI DSS goals and requirements, 580
- ITIL framework
  - ITIL® best practices, 466
  - service delivery best practices, 475
- ITIL service delivery
  - availability management, 481
  - capacity management, 479
  - continuity management, 482
  - costs and pricing internal audit review steps, 479
  - financial management for IT services, 477
  - service level management, 475
- ITIL service support
  - configuration management, 470
  - change management, 472
  - incident management, 466
  - problem management, 469
  - release management, 474
- ITIL® best practices
  - auditing IT infrastructure management, 482
  - ITIL framework, 466
- ITIL® configuration management
  - internal audit procedures, 472
- ITIL® service support IT infrastructure best practices
  - IT systems general controls, 465
- Johnson & Johnson tylenol crisis
  - mission statements, 632
- Judgmental sampling
  - testing, assessing, and evaluating audit evidence, 239
- Knowledge area concepts
  - common body of knowledge (CBOK), 13
- Large IT general controls preliminary survey
  - general controls internal audit objectives, 457
- Large IT systems
  - general controls, 454
  - legacy systems, 454
- Large IT systems general controls review objectives
  - IT systems general controls, 462
- Launching an enterprise Six Sigma project
  - quality assurance processes, 752
- Launching an internal audit internal consulting
  - capability
    - audit charter designations, 706
    - strategic decisions, 705
- Lean Six Sigma
  - concepts, 754
- Legacy systems
  - IT systems general controls, 453
  - large IT systems, 454
- Legal and regulatory compliance risk objectives
  - risk management fundamentals, 173
- LinkedIn
  - social media example, 497
- Mainframe legacy system controls
  - IT systems general controls, 455
- Major components of internal control
  - internal control fundamentals, 33
- Managing the internal audit activity
  - internal audit performance standards, 223
- Managing the internal audit universe
  - internal audit risk management, 353
- Methods of internal communication
  - COSO internal control principles, 80
- Microsoft Corporation 2007 Audit Committee Charter
  - Audit Committee Organization, 615
- Mission of internal auditing
  - definition of internal auditing, 9
- Mission statements
  - enterprise governance processes, 632
  - IPPF, 9
  - Johnson & Johnson Tylenol Crisis, 632
- Monetary unit sampling
  - audit sampling, 263
  - testing, assessing, and evaluating audit evidence, 264
- Monitoring activities
  - COSO internal control components, 53
- Monitoring COSO internal controls
  - internal control evaluations, 83
- Monitoring internal audit fieldwork
  - internal audit fieldwork, 209
- Multistage sampling
  - testing, assessing, and evaluating audit evidence, 267
- Negotiation skills
  - internal audit key competencies, 361
- NIST cybersecurity framework
  - internal control security risks, 573
- NIST implementation steps
  - internal control security risks, 575
- NIST tiers of cybersecurity maturity
  - internal control security risks, 573
- Object-oriented programming (OOP concepts)
  - internal audit procedures, 530
- Objectives of this book
  - internal auditor CBOK, 14
- Online Privacy and E-Commerce Issues
  - radio frequency identification (RFID) Privacy issues, 570
- Operating systems software
  - IT systems general controls, 458
- Operations IT internal controls
  - small IT business systems characteristics, 447
- Operations risk management objectives
  - business unit-level risks, 175
  - COSO ERM key elements, 172
- Opt-out rights
  - U.S. Federal Privacy Protection Laws, 572
- Organizing and managing internal audit activities
  - CBOK requirements, 785
- Other CIA certifications
  - CCSA requirements, 688
  - CFSA requirements, 691
  - CGAP requirements, 690
  - CRMA requirements, 693
  - QIAL requirements, 693
- Other CISA certifications
  - CFE requirements, 697
  - CGEIT requirements, 695
  - CISM requirements, 696
  - CISSP requirements, 697
  - CRSIC requirements, 697

- Pareto Chart Example
  - quality assurance auditing, 722
- Password logon process
  - IT network security fundamentals, 564
- PCAOB public accounting firm registration
  - Public Company Accounting Oversight Board (PCAOB), 88
- PCAOB standard AS3
  - audit quality control standards, 90
  - audit workpapers retention, 90
- PCI DSS fundamentals
  - U.S. Federal Privacy Protection Laws, 579
- PCI DSS goals and requirements
  - IT systems privacy concerns, 580
- Performing an internal audit engagement
  - internal audit performance standards, 226
- Performing applications controls reviews
  - application input and output audit tests, 548
  - applications testing objectives, 555
  - auditing applications under development, 549
  - client-server budgeting system, 546
  - internal audit procedures, 534
  - preimplementation review requirements definition checklist, 554
  - testing audit control objectives, 541
  - tests of compliance, 548
- Performing appropriate internal audit procedures
  - project management institutes PMBOK processes, 383
- Performing effective internal audits
  - audit evidence, 204
  - audit plans, 187
  - intentional standards for the professional practice of internal auditing (IPPF), 214
  - internal audit charters, 186
  - internal audit fieldwork, 206
  - internal audit process: summarized steps, 214
- Permanent files
  - workpaper document organization, 401
- Petty cash audit program
  - developing and preparing audit programs, 202
- Planned IARF CBOK study
  - IARF 2015 CBOK study, 23
- Planning an internal audit
  - Project Management Book of Knowledge* (PMBOK), 378
- Planning and performing internal audits
  - CBOK knowledge requirements, 16
  - CBOK requirements, 784
- Planning audits
  - project management, 366
  - workpaper standards, 398
- Planning internal audits
  - internal audit organization, 183
  - internal audit preparatory activities, 185
- PMBOK process steps
  - Project Management Book of Knowledge* (PMBOK), 369
- PMBOK program and portfolio management
  - Project Management Book of Knowledge* (PMBOK), 375, 377
- PMBOK project management plan
  - project management institutes PMBOK processes, 374
- PMI definition of a project
  - Project Management Institute (PMI), 367
  - project, program, and portfolio management interactions, 376
- PMI risk management components
  - Project Management Book of Knowledge* (PMBOK), 369
- PMI risk management data flow
  - Project Management Book of Knowledge* (PMBOK), 369
- Preimplementation review objectives
  - internal audit procedures, 551
- Preimplementation review requirements definition checklist
  - performing applications controls reviews, 554
- Preliminary audit findings
  - audit findings elements, 210
  - internal audit fieldwork, 208
- Preliminary findings point sheet
  - wrapping up an internal audit, 385
- Principles of internal controls
  - COBIT standards and framework, 125
- Probability and uncertainty
  - risk assessment analysis, 148
- Problem management
  - ITIL service support, 469
- Process modeling
  - internal audit workpapers, 396
- Process modeling and workpapers
  - documenting audit results, 390
  - process modeling hierarchy, 392
- Process modeling for internal auditors
  - internal audit documentation requirements, 391
- Process modeling hierarchy
  - process modeling and workpapers, 392
- Professional convergence requirements
  - CBOK requirements, 788
- Progress through Sharing
  - internal auditing motto, 11
- Project management. See also Project Management Institute (PMI); *Project Management Book of Knowledge* (PMBOK)
  - internal audit processes, 366
  - planning audits, 366
- Project Management Book of Knowledge* (PMBOK)
  - audit planning documentation, 381
  - best practices, 386
  - internal audit project management, 365
  - planning an internal audit, 378
  - PMBOK process steps, 369
  - PMI risk management components, 369
  - PMI risk management data flow, 369
  - PMBOK program and portfolio management, 375, 377
  - project management best practices, 386
  - project, program, and portfolio management relationships, 378
- Project Management Institute (PMI)
  - definition of a project, 367
  - institutes PMBOK processes, 367
- Project Management Institutes PMBOK processes
  - performing appropriate internal audit procedures, 383
  - PMBOK project management plan, 374
  - Project Management Institute (PMI), 367
- Project, program, and portfolio management
  - interactions
    - PMI definition of a project, 376
  - Project, program, and portfolio management relationships
    - Project Management Book of Knowledge* (PMBOK), 378
  - Public accounting's role in fraud detection
    - AICPA fraud standards, 659

- Public Company Accounting Oversight Board (PCAOB)
  - PCAOB public accounting firm registration, 88
  - Sarbanes Oxley Act (SOX), 88
- Published audit reports
  - communication problems, 433
  - internal audit communications, 433
  - reporting internal audit results, 415
- Purchased software internal controls audit checklist
  - internal audit procedures, 532
- QA reviews of individual completed audits
  - internal audit quality assurance review procedures, 739
- QIAL requirements
  - other CIA certifications, 693
- Quality assurance auditing
  - American Society for Quality (ASQ), 717
  - ASQ standards, 717
  - classifications of quality audits, 719
  - Deming PDCA cycle, 724
  - duties and responsibilities of ASQ quality auditors, 719
  - internal audit quality assurance review elements, 730
  - internal audit quality assurance review procedures, 731
  - ISO 9000 standards, 723
  - Pareto chart example, 722
  - types of quality audits, 721
- Quality assurance processes
  - launching an enterprise Six Sigma project, 752
  - Six Sigma concepts, 747
- Quality assurance programs
  - internal audit attribute standards, 222
- Quality assurance review approaches
  - internal audit quality assurance review procedures, 734
- Quality assurance reviews of the internal audit function
  - internal audit processes, 727
- Quality audit process steps
  - ASQ standards, 726
- Quality management system processes
  - ISO 9001 quality management systems, 767
- Quality review engagement memo
  - internal audit processes, 736
- Quantitative risk analysis
  - risk management fundamentals, 150
  - risk monitoring, 152
  - risk ranking expected costs, 152
- Questionnaire-based CSA reviews
  - CSA processes, 302
- Questionnaire-type audit reports
  - audit report formats, 426
- Radio frequency identification (RFID) privacy issues
  - online privacy and e-commerce issues, 570
- Random number audit sample selection
  - statistical sampling plans, 248
- Recommended sample sizes
  - section 404 compliance reviews, 116
- Red book standards
  - Intentional Standards for the Professional Practice of Internal Auditing (IPPF), 218
- Red flags
  - fraud detection and prevention, 658
  - internal audit fraud detection signs, 657
- Release management
  - ITIL service support, 474
- Relevant information
  - information and communication processes, 50
- Replicated sampling
  - testing, assessing, and evaluating audit evidence, 268
- Reporting audit results
  - internal audit processes, 360
- Reporting internal audit results
  - audit report framework, 412
  - audit report key elements, 417
  - audit report negative and positive statement examples, 425
  - audit report preparation steps, 429
  - internal audit processes, 411
  - internal audit report objectives, 423
  - published audit reports, 415
- Reporting the results of an internal audit quality assurance review
  - internal audit processes, 741
- Residual risk
  - risk management fundamentals, 164
- Review of a Six Sigma program
  - internal audit procedures, 759
- Reviewing application management controls
  - IT application audit test procedures, 543
  - vendor-supplied software, 531
- Reviews of compliance activities
  - internal audit processes, 678
- Revised COSO framework
  - COSO internal control framework, 35
- Risk appetite map
  - risk management fundamentals, 159
- Risk assessment
  - COSO internal control framework, 40
- Risk assessment analysis
  - probability and uncertainty, 148
  - risk management fundamentals, 148
- Risk assessment principles
  - COSO internal control framework, 41
- Risk encompassing the entire organization
  - entity-level risks, 174
- Risk identification
  - risk management process steps, 144
- Risk identification and analysis
  - COSO internal control framework, 41
- Risk management fundamentals
  - enterprise risk management, 142
  - inherent risk, 163
  - legal and regulatory compliance risk objectives, 173
  - quantitative risk analysis, 150
  - residual risk, 164
  - risk appetite map, 159
  - risk assessment analysis, 148
  - risk objective setting components, 161
  - risk ranking, 149
- Risk management process steps
  - risk identification, 144
- Risk monitoring
  - quantitative risk analysis, 152
- Risk objective setting components
  - risk management fundamentals, 161
- Risk ranking
  - risk management fundamentals, 149
- Risk ranking expected costs
  - quantitative risk analysis, 152

- Risk response elements
  - COSO ERM, 165
- Risk response strategies
  - COSO risk assessment, 44
- Role of the CAE
  - establishing an internal audit function, 338
- Sarbanes Oxley Act (SOx)
  - Public Company Accounting Oversight Board (PCAOB), 88
  - Sarbanes Oxley Act key provisions, 87
- Sarbanes Oxley Act key provisions
  - Sarbanes Oxley Act (SOx), 87
  - Section 404: Management's Assessment of Internal Controls, 102
  - SOx Title II: Auditor Independence, 92
  - SOx Title III: Corporate Responsibility, 95
  - SOx Title IV: Enhanced Financial Disclosures, 100
  - Title V: Analyst Conflicts of Interest, 104
  - Title XI: Corporate Fraud Accountability, 107
- Section 302 Officer Certification
  - SOx Title III: Corporate Responsibility, 96
- Section 404 Compliance Reviews
  - application control process areas, 115
  - AS5 auditing rules, 109
  - internal audit processes, 110
  - recommended sample sizes, 116
- Section 404: Management's Assessment of Internal Controls
  - financial officer codes of ethics, 102
  - Sarbanes Oxley Act key provisions, 102
- Selecting technology controls
  - COSO internal control principles, 73
  - IT control hierarchy, 73
- Self-assessment functions
  - definition of internal auditing, 7
- Service delivery best practices
  - ITIL framework, 475
- Service level agreements (SLAs)
  - business continuity planning (BCP), 603
  - service level management, 476
- Service level management
  - ITIL service delivery, 475
  - service level agreements (SLAs), 476
- Service quality management
  - ISO 2000, 771
- Seventeen COSO principles
  - COSO internal control principles, 60
- Significance of internal auditing
  - common body of knowledge (CBOK), 3
- Significant findings audit committee report
  - chief audit executive appointment, 624
- SIPOC analysis
  - Six Sigma concepts, 753
- Six Sigma concepts
  - define-measure-analyze-improve-control model, 747
  - DMAIC model, 747
  - DMAIC procedures, 756
  - Lean Six Sigma, 754
  - quality assurance processes, 747
  - SIPOC analysis, 753
  - Six Sigma deployment and process goal, 749
  - supplier-inputs-process-outputs-customer (SIPOC) charts, 754
- Six Sigma and Lean techniques
  - ASQ quality assurance processes, 746
  - internal audit procedures, 756
  - internal audit processes, 746
- Six Sigma deployment and process goal
  - Six Sigma concepts, 749
- Six Sigma leadership roles
  - Black Belt Body of Knowledge, 751
- Small business IT systems
  - auditing IT general controls, 449
  - general controls internal audit objectives, 453
- Small business IT systems characteristics
  - client-server system configuration, 446
  - internal control concerns, 449
  - IT systems general controls, 444
  - operations IT internal controls, 447
  - system program library controls, 451
- Social engineering IT risks
  - internal control security risks, 568
- Social media computing risks
  - enterprise social media policy, 501
- Social media example
  - Facebook, 494
  - LinkedIn, 497
  - Twitter, 498
- Social media internal audit issues
  - internal audit procedures, 492, 504
- SOx knowledge and understanding
  - CBOK knowledge requirements, 16
- SOx legal compliance. *See* COSO internal control framework
- SOx requirements
  - COSO internal control framework, 29
- SOx requirements
  - audit committee financial expert, 617
  - audit workpapers retention, 90
- SOx Section 302
  - corporate responsibility for financial reports, 96
- SOx Section 404 internal control reviews
  - audit universe concepts, 323
- SOx Title II: Auditor Independence
  - Sarbanes Oxley Act key provisions, 92
- SOx Title III: Corporate Responsibility
  - audit committee governance rules, 95
  - Sarbanes Oxley Act key provisions, 95
  - Section 302 officer certification, 96
- SOx Title IV: Enhanced Financial Disclosures
  - Sarbanes Oxley Act key provisions, 100
- SOx whistleblower
  - internal audit processes, 646
- Stakeholder ethics attitude surveys
  - enterprise ethics functions, 635
- Standard deviations
  - statistical audit sampling measures, 244
- Statistical audit sampling
  - testing, assessing, and evaluating audit evidence, 241
- Statistical audit sampling measures
  - standard deviations, 244
- Statistical sampling
  - testing, assessing, and evaluating audit evidence, 238
- Statistical sampling plans
  - attributes sampling size examples, 257
  - cluster selection audit sample selection, 251
  - interval selection audit sample selection, 250
  - random number audit sample selection, 248

- stratified selection audit sample selection, 250
- testing, assessing, and evaluating audit evidence, 247
- Steps to building a BCP
  - BCP enterprise training, 602
  - business continuity planning (BCP), 590
- Strategic decisions
  - launching an internal audit internal consulting capability, 705
- Stratified selection audit sample selection
  - statistical sampling plans, 250
- Supplier-inputs-process-outputs-customer (SIPOC) charts
  - Six Sigma concepts, 754
- System firewall controls
  - IT network security fundamentals, 566
- System program library controls
  - small IT business systems characteristics, 451
- Target corporation security breach
  - IT security threats, 562
- Testing audit control objectives
  - performing applications controls reviews, 541
- Testing skills competencies
  - internal audit key competencies, 356
- Testing, assessing, and evaluating audit evidence
  - attributes sampling procedures, 252
  - audit sampling, 236
  - Bayesian sampling, 268
  - continuous assurance auditing, 275
  - judgmental sampling, 239
  - monetary unit sampling, 264
  - multistage sampling, 267
  - replicated sampling, 268
  - statistical audit sampling, 241
  - statistical sampling, 238
  - statistical sampling plans, 247
  - XBRL extensible marking language, 291
  - XBRL interoperability concepts, 291
- Tests of compliance
  - performing applications controls reviews, 548
- Three components of internal control
  - internal control principles, 33
- Tick marks
  - documenting audit results, 406
- Title V: analyst conflicts of interest
  - Sarbanes Oxley Act key provisions, 104
- Title XI: corporate fraud accountability
  - Sarbanes Oxley Act key provisions, 107
- Tone at the top
  - control environment, 40
- Transaction control activities
  - internal control activities, 48
- Transaction controls
  - COSO internal control framework, 46
- Travel audit workpaper example
  - internal audit workpapers, 404
- Treadway commission report
  - fraudulent financial reporting, 660
- Twitter
  - social media example, 498
- Types of enterprise business risks
  - COSO risk assessment, 43
- Types of quality audits
  - quality assurance auditing, 721
- U.S. Federal Privacy Protection Laws
  - opt-out rights, 572
  - PCI DSS fundamentals, 579
- Understanding and recognizing fraud
  - internal audit processes, 655
- Value of CIA specialty certifications
  - internal auditor professional certifications, 693
- Vendor-supplied software
  - reviewing application management controls, 531
- Viruses and malicious program code
  - IT network security fundamentals, 565
- Whistleblower call centers
  - enterprise governance processes, 648
- Whistleblower programs
  - audit committee responsibilities, 625
  - enterprise governance processes, 643
- Workflow description process flowchart
  - documenting audit results, 394
- Workpaper auditor tick marks examples
  - documenting audit results, 406
- Workpaper document organization
  - administrative files, 402
  - audit procedure files, 402
  - permanent files, 401
  - workpaper formats, 400
- Workpaper formats
  - workpaper document organization, 400
- Workpaper objectives
  - internal audit workpapers, 397
- Workpaper point sheets
  - documenting audit results, 404
- Workpaper preparation techniques
  - internal audit workpapers, 405
- Workpaper review processes
  - internal audit workpapers, 407
- Workpaper security
  - internal audit department privacy and security, 582
- Workpaper standards
  - planning audits, 398
- Worldwide internal audit standards
  - ISO, 762
- Wrapping up an internal audit
  - preliminary findings point sheet, 385
- XBRL interoperability concepts
  - testing, assessing, and evaluating audit evidence, 291
- XBRL extensible marking language
  - testing, assessing, and evaluating audit evidence, 291