

Cengage

Computing

MIS • Computer Concepts • MAD, Networking and Security • Computer Science

Higher Education Catalog 2022–23

Cengage MindTap

Crafting unique learning experiences with MindTap

Using MindTap, instructors are free to teach their own way, crafting learning experiences that reflect their unique passion and priorities. Students can then digitally immerse themselves in instructor-curated content that neatly fits into their lifestyles, driving both engagement and content mastery.



Access everything you need in one place



Empower students to reach their potential



Control your course — and your content



Get a dedicated team, whenever you need them

Accelerate your course and your students' learning with MindTap



of students said MindTap made them more motivated to learn.



of students expressed confidence in passing their class using MindTap.

www.cengage.com/mindtap


Cengage
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Get the latest news, promotions and event updates here!

Cengage SAM

SAM 365/2019

A Legacy of Learning

You need choices for how you build your course—and in the content you teach. As the workforce increasingly demands a more dynamic applicant, students need a flexible learning environment agile to the changing demands of the workforce. That's why we built SAM 365/2019 with choice, flexibility and results at the forefront of our design.

Flexibility

Your course. Your choice.

Students' ability to adapt to a rapidly changing workforce starts with relevant content in the classroom—and the flexibility to adjust your learning objectives accordingly. SAM 365/2019 helps you bridge the skills gap in your Intro to Computing course by widening the range of curricula with:

- Microsoft Applications modules through the advanced levels
- NEW immersive computer concepts modules that develop critical thinking and problem-solving skills
- NEW and expanded auto-graded projects, including Textbook Projects through advanced levels
- SAM Paths that adapt to the individual learner
- MOS Certification Prep

Convenience

Access to content. Access to possibilities.

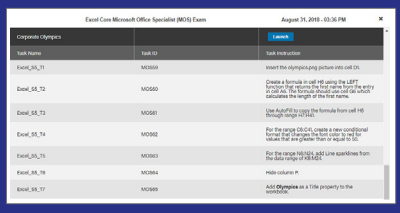
With SAM 365/2019 in Cengage, students get all-you-can-learn access to content throughout the digital literacy curriculum. An expansive breadth of subject matter offers more ways for students to build the skills employers seek, and we're giving everything we've got with:

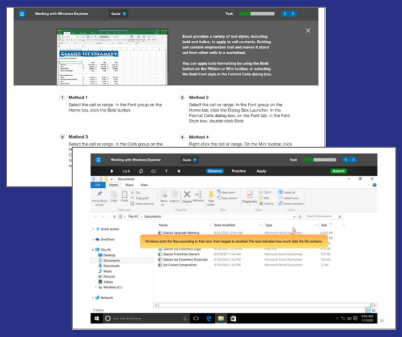
- Access to Microsoft Office 365 software for free download*
- Career Center and Soft Skills resources, study materials like Adaptive Test Prep and more
- All Cengage digital learning platforms like SAM, MindTap and more

* *This is the actual Microsoft Office software download, and is not tied to your subscription length.*

Microsoft Office Specialist (MOS) Simulations

MindTap includes prebuilt MOS exam simulations for Excel, Word, Outlook, Access and PowerPoint—designed to acclimate your students to both the certification objectives and testing environment.





Trainings

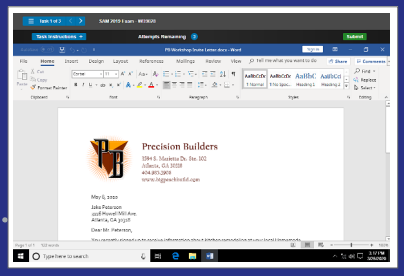
SAM Training Assignments support and engage as students build skills. These visual and interactive walk-throughs empower students to observe, practice and apply skills in simulated Microsoft Office environments. Students will:

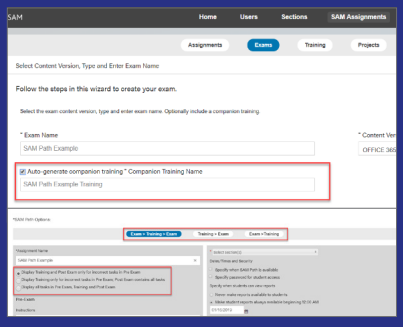
- **Observe** the skill with voiceover and on-screen callouts
- **Practice** where they control the keyboard and mouse in a guided walk-through
- **Apply** their skill unaided in a simulated Microsoft Office and computing environment

Our NEW guide delivers instructions for completing tasks and offers alternative paths available from all training modes.

Exams

Empower students to show what they know. With SAM Exams, students master skills step-by-step—so they can perform the higher-stakes assessment. Plus, the amount of attempts, time limit, exportability options, assignment contents—and more—are all in your control.





SAM Paths

Chart a Path Toward Student Success

How do you address the varying skill levels in your course?

With SAM Paths, you can create a personalized student experience that adapts to students' needs by providing training & assessment on the skills and concepts they need to learn. SAM supports students at their unique skill and knowledge level to prepare them for success.

SAM Paths can include a mix of simulated activities and objective style questions from Microsoft Office Applications and Computing Concepts.

SAM offers three flexible options for creating your Path:

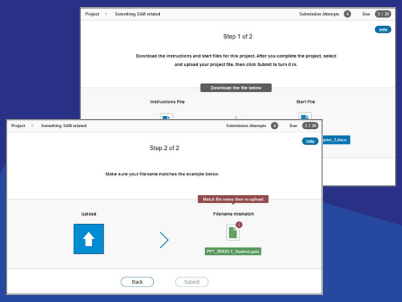
• Pre-Exam > Training > Post Exam (Most Frequently Assigned) • Pre-Exam > Training • Training > Post-Exam

Instructors who use SAM Paths report increased student engagement and improved learning outcomes—while students feel their time is well-spent with course materials personalized to their needs and abilities.

Projects

SAM Projects provide students with the hands-on practice they need to develop professional skills—then effectively apply them in real-world settings—live in the Office application. Boost students' academic and professional success with:

- Completely revised Project scenarios driven by Burning Glass market analytics data to develop quality, real-world projects that get students ready for their next step
- NEW Textbook Projects and End-of-Module Projects throughout the advanced modules
- Detailed feedback reports providing students with remediation to the textbook and SAM trainings.



www.cengage.com/discipline-computing

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Special price requests for class adoption are subject to approval. Please contact your Cengage Learning Consultant for details.

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Prices are subject to change without prior notice.

ADOBE CREATIVE SUITE

ADOBE / MACROMEDIA PRODUCT SUITES

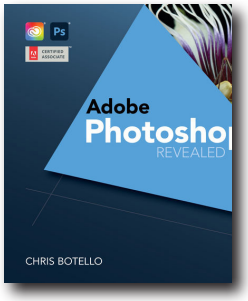
NEW EDITION

ADOBE® PHOTOSHOP CREATIVE CLOUD REVEALED, 2ND EDITION, 2E

Chris Botello, Tabor Academy, Marion, Massachusetts; Chris Botello, Tabor Academy, Marion, Massachusetts

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MindTap ***eBook***



Adobe® Photoshop Creative Cloud Revealed, 2nd Edition encourages students to creatively examine topics and themes to design meaningful projects that have impact. Photoshop introductory through advanced tools are used to find creative solutions and using imagery as a stepping stone to bigger conversations. The REVEALED Series extends step-by-step software instruction to creative problem-solving for real-world impact with more projects than any other Adobe curriculum. Through our exclusive partnership with National Geographic, students create unique and meaningful projects inspired by National Geographic storytellers with a focus on how design principles create meaningful compositions, layouts, and infographics, all while meeting most recent Adobe Professional Certification requirements. This updated series includes professional examples of photographs, infographics, and visually impactful layouts from National Geographic® Magazine. Students will connect concepts with real-world projects with featured interviews National Geographic Explorers, Designers and Creatives for a revered, professional perspective. Flexible for a variety of digital devices, these texts include instruction for ipad users as well as desktop/mac machines.

PHOTOSHOP

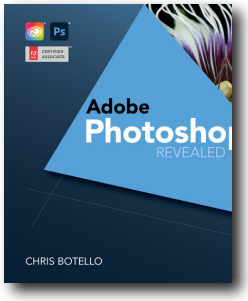
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Cengage

COMPUTER CONCEPTS

COMPUTER CONCEPTS

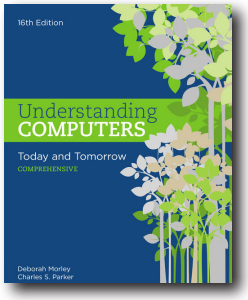
UNDERSTANDING COMPUTERS, 16E

Today and Tomorrow: Comprehensive

Deborah Morley, College of the Sequoias; Charles S. Parker, University of Colorado

© 2017, 648pp, Paperback, 9781305656314

MindTap eBook



Discover a modern introduction to computer concepts with UNDERSTANDING COMPUTERS: TODAY AND TOMORROW, COMPREHENSIVE, 16E. Known for a unique emphasis on societal issues and industry insights from respected leaders, this book provides reliable information to help you learn about emerging technologies that may impact the way industries conduct business in the future. You become familiar with exciting technology developments and take a sneak peek at the future of modular smartphones, smartphone driver licenses, robot butlers and other robotic assistants, perceptual computing, smart clothes, 4K video, and emerging networking standards.

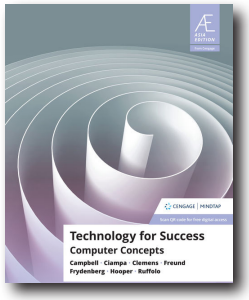
AE TECHNOLOGY FOR SUCCESS: COMPUTER CONCEPTS

Jennifer T. Campbell, NA; Mark Ciampa, Western Kentucky University; Barbara Clemens; Steven M. Freund, University of Central Florida

© 2020, 336pp, Paperback, 9789814888035

MindTap

AsiaTitle



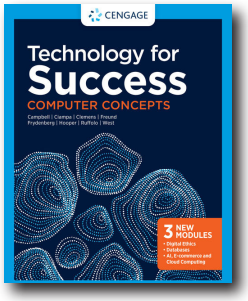
Make today's ever-changing world of technology both relevant and manageable for your students with TECHNOLOGY FOR SUCCESS: COMPUTER CONCEPTS. Written by a team of best-selling technology authors, based on extensive research and developed in partnership with an education advisory panel of subject matter experts, this edition prepares students to be consumers and technology users in their academic, professional and personal lives. This printed or digital solution breaks each topic into brief, inviting lessons that address the "what, why and how" behind technology to ensure deep understanding and real-life application. For those who want an online learning experience, MindTap and SAM (Skills Assessment Manager) resources include hands-on training, concept videos and critical-thinking challenges that challenge learners to problem solve. In addition, news feeds introduce the latest technology-related news and events. Students leave your course able to understand the impact of recent technology on daily life, the economy and society.

TECHNOLOGY FOR SUCCESS
Computer Concepts

Jennifer T. Campbell, NA; Mark Ciampa, Western Kentucky University; Barbara Clemens; Steven M. Freund, University of Central Florida

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MindTap *eBook*



Gain a thorough understanding of today's sometimes daunting, ever-changing world of technology as you learn how to apply the latest technology to your academic, professional and personal life with TECHNOLOGY FOR SUCCESS: COMPUTER CONCEPTS. Written by a team of best-selling technology authors and based on extensive research and feedback from students like you, this edition breaks each topic into brief, inviting lessons that address the "what, why and how" behind digital advancements to ensure deep understanding and application to today's real world. Optional online MindTap and SAM (Skills Assessment Manager) learning tools offer hands-on and step-by-step training, videos that cover the more difficult concepts and simulations that challenge you to solve problems in the actual world. You leave this course able to read the latest technology news and understand its impact on your daily life, the economy and society.

DISCOVERING COMPUTERS ©2018: DIGITAL TECHNOLOGY, DATA, AND DEVICES, 16E

Misty E. Vermaat, Purdue University Calumet; Susan L. Sebok, NA; Steven M. Freund, University of Central Florida; Jennifer T. Campbell, NA

© 2018, 736pp, Paperback, 9781337285100

MindTap *eBook*



Learn to maximize the use of mobile devices, make the most of online tools for collaboration and communication, and fully utilize the web and cloud with the latest edition of DISCOVERING COMPUTERS 2018. Clearly see how technology skills can assist you both in gaining employment and advancing your career. This edition highlights web development, how to create a strong web presence, and take full advantage of the latest Windows 10. To keep your instruction as current as possible, online coverage of contemporary technology developments builds on the book's timely discussions.The authors provide helpful suggestions within a proven learning structure and emphasize meaningful practice to reinforce your skills. Self-assessments open each module and enable you to focus your study and learn more in less time. DISCOVERING COMPUTERS presents the key content you need to succeed, using an approach that ensures understanding.

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DISCOVERING COMPUTERS, ESSENTIALS ©2018: DIGITAL TECHNOLOGY, DATA, AND DEVICES, 16E

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Learn to maximize the use of mobile devices, make the most of online tools for collaboration and communication, and fully utilize the web and cloud with the latest edition of DISCOVERING COMPUTERS 2018. Clearly see how technology skills can assist you both in gaining employment and advancing your career. This edition highlights web development, how to create a strong web presence, and take full advantage of the latest Windows 10. To keep your instruction as current as possible, online coverage of contemporary technology developments builds on the book's timely discussions. The authors provide helpful suggestions within a proven learning structure and emphasize meaningful practice to reinforce your skills. Self-assessments open each module and enable you to focus your study and learn more in less time. DISCOVERING COMPUTERS presents the key content you need to succeed, using an approach that ensures understanding.

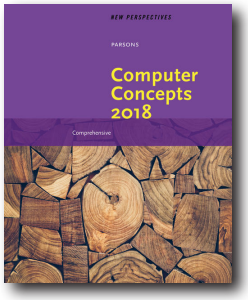
NEW PERSPECTIVES ON COMPUTER CONCEPTS 2018, 20E

Comprehensive

June Jamrich Parsons, MediaTechnics Corporation

© 2018, 952pp, Paperback, 9781305951495

MindTap eBook



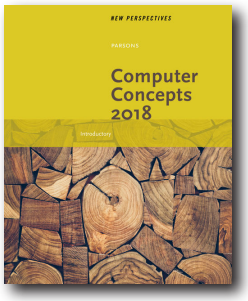
Technology impacts every aspect of life and choices are endless. As a college student, you need to know how to evaluate devices, choose apps, maintain a compelling online reputation, and lock down digital security. NEW PERSPECTIVES ON COMPUTER CONCEPTS 2018, COMPREHENSIVE goes beyond the intuitive "how-to" of apps and social media to delve into the broad concepts that are guiding current technologies such as self-driving cars, virtual reality, file sharing torrents, encrypted communications, photo forensics, and the Internet of Things. Numerous illustrations and interactive features in this complete book make mastering technical topics a breeze with a learning path that is structured with you, today's busy student, in mind. This edition offers an insightful overview of what every college student should know about using technology to complete your education, launch a successful career, and engage in issues that shape today's world.

NEW PERSPECTIVES ON COMPUTER CONCEPTS 2018: INTRODUCTORY, 20E

June Jamrich Parsons, MediaTechnics Corporation

© 2018, 632pp, Paperback, 9781305951518

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Technology impacts every aspect of life and choices are endless. As a college student, you need to know how to evaluate devices, choose apps, maintain a compelling online reputation, and lock down digital security. NEW PERSPECTIVES ON COMPUTER CONCEPTS 2018, INTRODUCTORY goes beyond the intuitive "how-to" of apps and social media to delve into the broad concepts that are guiding current technologies such as self-driving cars, virtual reality, file sharing torrents, encrypted communications, photo forensics, and the Internet of Things. Numerous illustrations and interactive features in this complete book make mastering technical topics a breeze with a learning path that is structured with you, today's busy student, in mind. This edition offers an insightful overview of what every college student should know about using technology to complete your education, launch a successful career, and engage in issues that shape today's world.

TECHNOLOGY NOW, 2E

Your Companion to SAM Computer Concepts, 2nd Edition

Corinne Hoisington, N/A

© 2018, 336pp, Paperback, 9781305670112

MindTap eBook



Helps students learn the computer concepts essential for success with TECHNOLOGY NOW, 2nd EDITION: YOUR COMPANION TO SAM COMPUTER CONCEPTS. Updated with the latest changes in technology as well as IC3 objectives, content aligns with new Computer Concepts tasks in SAM (Skills Assessment Manager), Cengage Learning's robust training and assessment system. Use the printed book with SAM or as a full digital solution in SAM or MindTap online for a learning experience ideal for all learning styles or levels of experience. Reading activities integrated with SAM Concepts training videos, SAM Exams and quizzing are delivered in a customizable learning path. This edition provides hands-on and critical-thinking activities, ethical scenarios, and team projects to elevate thinking and keep students engaged. Simple language, everyday examples, and visual information in small chunks further ensure understanding. Customize the printed book and SAM or MindTap to include only chapters that meet your objectives.

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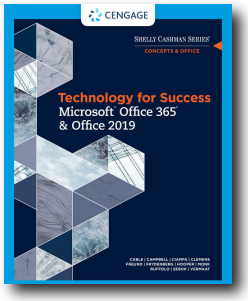
CONCEPTS PLUS APPLICATIONS

TECHNOLOGY FOR SUCCESS AND SHELLY CASHMAN SERIES MICROSOFT®OFFICE 365 & OFFICE 2019

Sandra Cable, NA; Jennifer T. Campbell, NA; Mark Ciampa, Western Kentucky University; Barbara Clemens

© 2020, 976pp, Paperback, 9780357026380

MindTap *eBook*



Master the latest version of Microsoft® Office and take advantage of today's ever-changing world of technology with TECHNOLOGY FOR SUCCESS AND SHELLY CASHMAN SERIES MICROSOFT® OFFICE 365® & OFFICE 2019. Part of the highly acclaimed Shelly Cashman Series that has introduced computer skills to millions of students like you, this edition offers a proven approach that's effective, no matter what your learning style. Meaningful topics within manageable lessons demonstrate how to apply concepts to your academic, professional, and personal lives. A step-by-step, screen-by-screen approach guides you in expanding your understanding of Microsoft® Office 2019 through experimentation, critical thought and personalization. Updated activities, case scenarios and an emphasis on employability demonstrate the importance of what you're learning as you master the keys to using Microsoft® Office 2019 effectively and become a user of today's technology.

COMPUTER SCIENCE

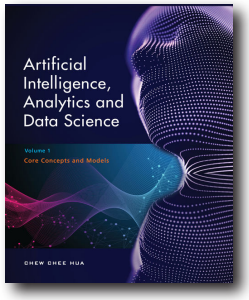
ADVANCED TOPICS - CS

ARTIFICIAL INTELLIGENCE, ANALYTICS AND DATA SCIENCE (VOL. 1)

Chew Chee Hua

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AsiaTitle



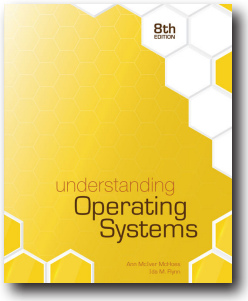
We are living in an exciting time in which artificial intelligence, analytics and data science are changing the world dramatically. This textbook enables students to gain a clear understanding of — and even lead — some of the changes in the next decade. Focusing on real data and real problems instead of purely mathematical constructs, Artificial Intelligence, Analytics and Data Science makes use of mathematics to solve real problems. The book concentrates on computations over mathematical proof, and on simplicity over complexity.

UNDERSTANDING OPERATING SYSTEMS, 8E

Ann McHoes, Duquesne University; Ida M. Flynn, University of Pittsburgh

© 2018, 592pp, Paperback, 9781305674257

eBook



Discover a clear, straightforward explanation of both current operating system theory and today's practices within UNDERSTANDING OPERATING SYSTEMS, 8E. This leading book's proven approach begins with a valuable discussion of fundamentals before introducing specific operating systems. Fully updated, timely content offers an expanded analysis of how modern innovations, such as multi-core processing and wireless technologies, have impacted today's operating systems. Revised Research Topics within this edition's practical exercises encourage you to research emerging and influential topics on your own. In addition, updates throughout the final four chapters now highlight information on the most current versions of UNIX (including the latest Macintosh OS), Linux, Windows, and Android to equip you with the contemporary knowledge and skills you need to working most effectively with today's systems.

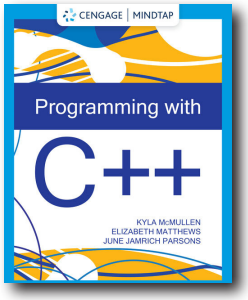
CS1 INTRODUCTION TO PROGRAMMING

READINGS FROM PROGRAMMING WITH C++

June Jamrich Parsons, MediaTechnics Corporation; Elizabeth Matthews, Washington and Lee University; Elizabeth Matthews, Washington and Lee University

© 2022, 400pp, Paperback, 9780357637753

MindTap



Using a beginner's approach that's ideal for anyone who has never programmed, McMullen/Matthews/Parsons' READINGS FROM PROGRAMMING WITH C++ helps you develop a useful understanding of computer science while equipping you with the skills to use C++ programming language. This interesting, straightforward approach to programming emphasizes fundamental computer concepts using a programming language-independent approach and clear presentation with little technical jargon. Modules introduce important computer science concepts, procedural programming and object-oriented programming in short segments. Relevant real-world examples, streamlined code and descriptive figures help you better understanding today's computing concepts. You can tackle the learning modules in any order, interspersing conceptual modules with hands-on programming modules. You even refine critical-thinking and problem-solving skills as you strengthen computer science skills and build your confidence.

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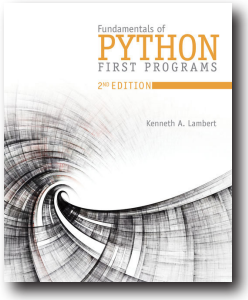
FUNDAMENTALS OF PYTHON, 2E

First Programs

Kenneth A. Lambert, Washington and Lee University

© 2019, Paperback, 9781337560092

MindTap eBook



Master today's required computer science topics while preparing for further study with Lambert's FUNDAMENTALS OF PYTHON: FIRST PROGRAMS. This book's easygoing approach is ideal, no matter what your background. The approach starts with simple algorithmic code and then scales into working with functions, objects, and classes as the problems become more complex and require new abstraction mechanisms. Rather than working only with numeric or text-based applications like other introductory texts, this edition presents graphics, image manipulation, GUIs, and simple networked client/server applications. The author uses Python's standard Turtle graphics module to introduce graphics and to provide open source frameworks for easy image processing and GUI application development.

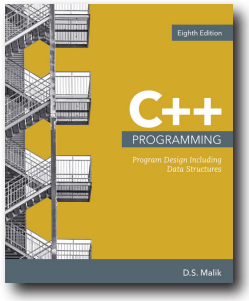
C++ PROGRAMMING, 8E

Program Design Including Data Structures

D.S. Malik, Creighton University

© 2018, 1728pp, Paperback, 9781337117562

MindTap eBook



Learn how to program with C++ using today's definitive choice for your first programming language experience -- C++ PROGRAMMING: PROGRAM DESIGN INCLUDING DATA STRUCTURES, 8E. D.S. Malik's time-tested, student-centered methodology incorporates a strong focus on problem-solving with full-code examples that vividly demonstrate the hows and whys of applying programming concepts and utilizing C++ to work through a problem. Thoroughly updated end-of-chapter exercises, more than 20 extensive new programming exercises, and numerous new examples drawn from Dr. Malik's experience further strengthen your understanding of problem solving and program design in this new edition. You review the important features of C++ 14 Standard with timely discussions that ensure this edition equips you to succeed in your CS1 course and beyond.

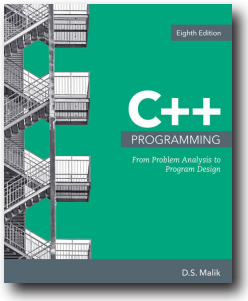
C++ PROGRAMMING, 8E

From Problem Analysis to Program Design

D.S. Malik, Creighton University

© 2018, 1488pp, Paperback, 9781337102087

MindTap *eBook*



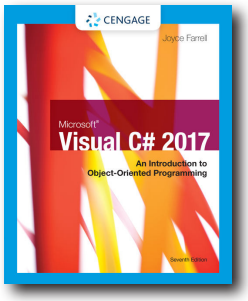
Learn how to program with C++ using today's definitive choice for your first programming language experience -- C++ PROGRAMMING: FROM PROBLEM ANALYSIS TO PROGRAM DESIGN, 8E. D.S. Malik's time-tested, student-centered methodology incorporates a strong focus on problem-solving with full-code examples that vividly demonstrate the hows and whys of applying programming concepts and utilizing C++ to work through a problem. Thoroughly updated end-of-chapter exercises, more than 20 extensive new programming exercises, and numerous new examples drawn from Dr. Malik's experience further strengthen your understanding of problem solving and program design in this new edition. You review the important features of C++ 14 Standard with timely discussions that ensure this edition equips you to succeed in your CS1 course and beyond.

MICROSOFT VISUAL C#: AN INTRODUCTION TO OBJECT-ORIENTED PROGRAMMING, 7E

Joyce Farrell

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Develop the strong programming skills you need for professional success with Farrell's MICROSOFT® VISUAL C# 2017: AN INTRODUCTION TO OBJECT-ORIENTED PROGRAMMING, 7E. Approachable examples and a clear, straightforward style help you build a solid understanding of both structured and object-oriented programming concepts. You master critical principles and techniques that easily transfer to other programming languages. This new edition incorporates the most recent versions of both C# and Visual Studio 2017 to ensure you have the contemporary skills required in business today. Short "You Do It" hands-on features; video lessons for each chapter; and a variety of new debugging exercises, programming exercises, and running case studies help prepare you for success in today's programming environment. New MindTap online resource offers coding labs and additional assessment, in addition to a full eReader. Discover the tools and expertise you need for programming success.

Cengage

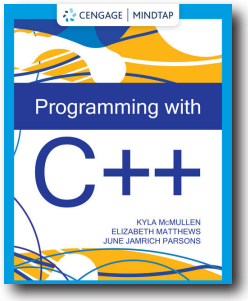
CS2 DATA STRUCTURES

READINGS FROM PROGRAMMING WITH C++

June Jamrich Parsons, MediaTechnics Corporation; Elizabeth Matthews, Washington and Lee University; Elizabeth Matthews, Washington and Lee University

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Using a beginner's approach that's ideal for anyone who has never programmed, McMullen/Matthews/Parsons' READINGS FROM PROGRAMMING WITH C++ helps you develop a useful understanding of computer science while equipping you with the skills to use C++ programming language. This interesting, straightforward approach to programming emphasizes fundamental computer concepts using a programming language-independent approach and clear presentation with little technical jargon. Modules introduce important computer science concepts, procedural programming and object-oriented programming in short segments. Relevant real-world examples, streamlined code and descriptive figures help you better understanding today's computing concepts. You can tackle the learning modules in any order, interspersing conceptual modules with hands-on programming modules. You even refine critical-thinking and problem-solving skills as you strengthen computer science skills and build your confidence.

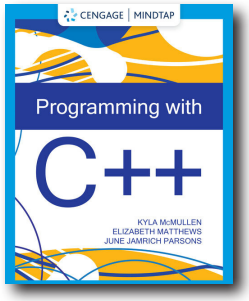
DATA STRUCTURES (CS2)

READINGS FROM PROGRAMMING WITH C++

June Jamrich Parsons, MediaTechnics Corporation; Elizabeth Matthews, Washington and Lee University; Elizabeth Matthews, Washington and Lee University

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INTRODUCTION TO COMPUTER SCIENCE (CSO)

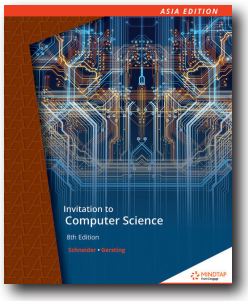
AE INVITATION TO COMPUTER SCIENCE, 8E

G. Michael Schneider, Macalester College; Judith Gersting, Indiana University-Purdue University at Indianapolis

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AsiaTitle



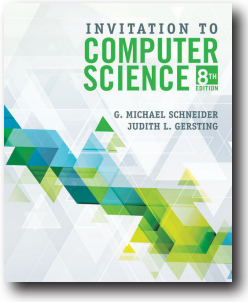
Offer a contemporary overview of computer science with Schneider/Gersting's best-selling INVITATION TO COMPUTER SCIENCE, 8E. This flexible, non-language-specific text uses an algorithm-centered approach to provide a foundation in computing. Learning objectives and a clear hierarchy help introduce algorithms, hardware, virtual machines, software development, applications of computing, and social issues. Updated exercises and practice problems challenge students to analyze, evaluate, and approach problems creatively. Special interest boxes and timely content highlight topics such as privacy, drones, cloud computing, and net neutrality. Optional online modules for C++, Java, Python, C#, and Ada integrate seamlessly for the flexibility to teach a specific programming language. Optional MindTap® provides study tools and a digital Lab Manual and lab software with 20 laboratory projects.

INVITATION TO COMPUTER SCIENCE, 8E

G. Michael Schneider, Macalester College; Judith Gersting, Indiana University-Purdue University at Indianapolis

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Gain a contemporary overview of today's computer science with the best-selling INVITATION TO COMPUTER SCIENCE, 8E. This flexible, non-language-specific book uses an algorithm-centered approach that's ideal for your first introduction to computer science. Measurable learning objectives and a clear hierarchy help introduce algorithms, hardware, virtual machines, software development, applications, and social issues. Exercises, practice problems, and feature boxes emphasize real-life context as well as the latest material on privacy, drones, cloud computing, and net neutrality. Optional online language modules for C++, Java, Python, C#, and Ada let you learn a programming language. MindTap is available with online study tools, a digital Lab Manual and lab software with 20 laboratory projects. Hands-on activities enable you to truly experience the fundamentals of today's computer science.

Cengage

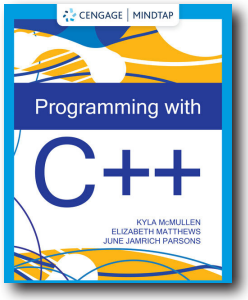
INTRODUCTION TO PROGRAMMING (CSI)

READINGS FROM PROGRAMMING WITH C++

June Jamrich Parsons, MediaTechnics Corporation; Elizabeth Matthews, Washington and Lee University; Elizabeth Matthews, Washington and Lee University

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Using a beginner's approach that's ideal for anyone who has never programmed, McMullen/Matthews/Parsons' READINGS FROM PROGRAMMING WITH C++ helps you develop a useful understanding of computer science while equipping you with the skills to use C++ programming language. This interesting, straightforward approach to programming emphasizes fundamental computer concepts using a programming language-independent approach and clear presentation with little technical jargon. Modules introduce important computer science concepts, procedural programming and object-oriented programming in short segments. Relevant real-world examples, streamlined code and descriptive figures help you better understanding today's computing concepts. You can tackle the learning modules in any order, interspersing conceptual modules with hands-on programming modules. You even refine critical-thinking and problem-solving skills as you strengthen computer science skills and build your confidence.

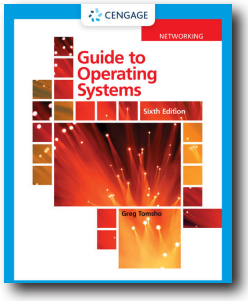
OPERATING SYSTEMS

GUIDE TO OPERATING SYSTEMS, 6E

Greg Tomsho, Yavapai College

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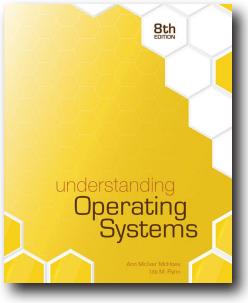
Master the fundamental concepts of computer operating systems with Tomsho's GUIDE TO OPERATING SYSTEMS, 6th Edition. An excellent resource for training across different operating systems, this practical text equips you with key theory and technical information as you work with today's most popular operating systems, including Windows, macOS and Linux platforms. You will learn how general operating systems are organized and function as well as gain hands-on experience with OS installation, upgrading and configuration. Processors, file systems, networking, virtualization, security, device management, storage, OS maintenance and troubleshooting are covered in detail. In addition, the MindTap digital learning solution gives you a wealth of anywhere, anytime learning resources.

UNDERSTANDING OPERATING SYSTEMS, 8E

Ann McHoes, Duquesne University; Ida M. Flynn, University of Pittsburgh

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eBook



Discover a clear, straightforward explanation of both current operating system theory and today's practices within UNDERSTANDING OPERATING SYSTEMS, 8E. This leading book's proven approach begins with a valuable discussion of fundamentals before introducing specific operating systems. Fully updated, timely content offers an expanded analysis of how modern innovations, such as multi-core processing and wireless technologies, have impacted today's operating systems. Revised Research Topics within this edition's practical exercises encourage you to research emerging and influential topics on your own. In addition, updates throughout the final four chapters now highlight information on the most current versions of UNIX (including the latest Macintosh OS), Linux, Windows, and Android to equip you with the contemporary knowledge and skills you need to working most effectively with today's systems.

SOFTWARE ENGINEERING

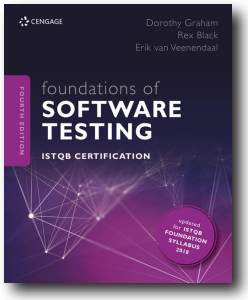
FOUNDATIONS OF SOFTWARE TESTING, 4E

ISTQB Certification

Rex Black; Rex Black; Dorothy Graham

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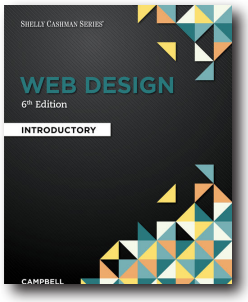
WEB DESIGN AND PROGRAMMING

WEB DESIGN, 6E
Introductory

Jennifer T. Campbell, NA

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Wish you had the skills and knowledge to design powerful websites? Gain the expertise you need right now with WEB DESIGN: INTRODUCTORY, 6E. Learn how to balance target audience expectations, sound design principles, and technical considerations as you create successful, device- and platform-independent websites. Hands-on, interesting, and practical activities in each chapter check your comprehension, help build your web research skills, and develop your design awareness. You learn how to critically evaluate current issues in today's technology as you examine topics such as search engine optimization (SEO), HTML and responsive web design. WEB DESIGN: INTRODUCTORY, 6E equips you with the key skills you need to develop a solid web design plan of your own in no time.

DATABASES

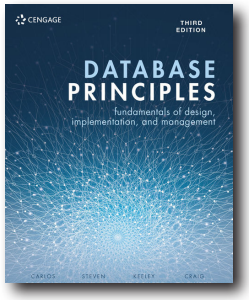
CONCEPTS

DATABASE PRINCIPLES, 3E
Fundamentals of Design, Implementation, and Management

Carlos Coronel, Middle Tennessee State University; Steven Morris, Middle Tennessee State University; Keeley Crockett, Manchester Metropolitan University; Craig Blewett, University of KwaZulu-Natal

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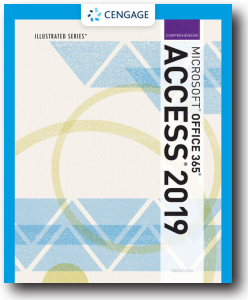
MICROSOFT ACCESS

ILLUSTRATED MICROSOFT®OFFICE 365 & ACCESS®2019 COMPREHENSIVE

Lisa Friedrichsen, Johnson County Community College

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MindTap eBook



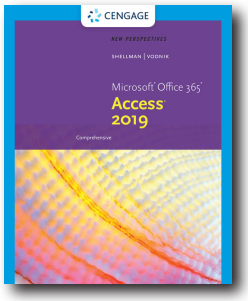
Now students can master the nuances of Microsoft® Office quickly with ILLUSTRATED MICROSOFT® OFFICE 365 & ACCESS 2019 COMPREHENSIVE, part of today's popular Illustrated Series. This focused, user-friendly approach uses a proven two-page layout that allows students to work through an entire task without turning the page. Clear Learning Outcomes outline the skills for each lesson, while large full-color screen images reflect exactly what students see on their own computers. Each module begins with a brief overview of the principles covered in the lesson and introduces a real-world case scenario to engage students and reinforce critical skills to make them successful in their educational and professional careers. In addition, MindTap and updated SAM (Skills Assessment Manager) online resources are available to guide additional study and ensure successful results.

NEW PERSPECTIVES MICROSOFT®OFFICE 365 & ACCESS®2019 COMPREHENSIVE

Mark Shellman, Gaston College; Sasha Vodnik

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Develop the Microsoft® Office 365 and Access 2019 skills students need to be successful in college and beyond with the emphasis on critical-thinking, problem-solving, and in-depth coverage found in NEW PERSPECTIVES MICROSOFT OFFICE 365 & ACCESS 2019: COMPREHENSIVE. Updated with all-new case scenarios, this edition clearly applies the skills students are learning to real-world situations to make concepts even more relevant across the applications and reinforces critical skills to make them successful in their educational and professional careers. In addition, MindTap and updated SAM (Skills Assessment Manager) online resources are available to guide additional study and ensure successful results.

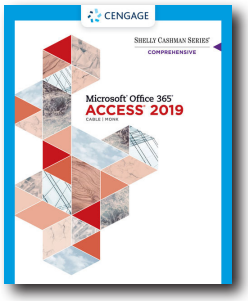
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SHELLY CASHMAN SERIES® MICROSOFT® OFFICE 365® & ACCESS®2019 COMPREHENSIVE

Sandra Cable, NA; Ellen Monk, University of Delaware

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Introduce your students to the latest advancements that Microsoft® Office and Access® have to offer with MICROSOFT® OFFICE 365 & ACCESS® 2019: COMPREHENSIVE -- new to the acclaimed Shelly Cashman Series®. MICROSOFT® OFFICE 365 & ACCESS® 2019: COMPREHENSIVE continues the series' strong history of innovation with a hallmark learning approach enhanced to address the varied learning styles of today's students. A trademark step-by-step, screen-by-screen approach encourages students to expand their understanding of the software through experimentation, critical thought, and personalization. This new edition and accompanying resources are designed to engage readers and improve retention while also engaging them in real-world scenarios to reinforce critical skills to make them successful in their educational and professional careers. In addition, MindTap and updated SAM (Skills Assessment Manager) online resources are available to guide additional study and ensure successful results.

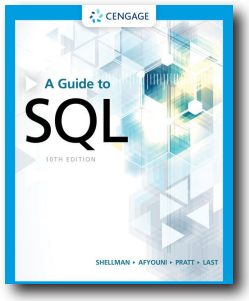
MICROSOFT SQL SERVER

A GUIDE TO SQL, 10E

Mark Shellman; Hassan Afyouni, e-conn (Chief Information Officer); Philip J. Pratt, Grand Valley State University; Mary Z. Last

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Master today's SQL programming principles and learn how to most effectively apply your SQL skills with Shellman/Afyouni/Pratt/Last's A GUIDE TO SQL, Tenth Edition. This edition's leading approach combines straightforward instruction and extensive hands-on exercises with a strong foundation and emphasis on today's actual business applications. This edition introduces basic SQL commands in the context of an intriguing, ongoing case in which a business uses SQL to manage orders, items, customers and sales reps. This edition emphasizes how to apply fundamental principles and strengthen your programming practices, regardless of the database environment. You work with examples from the latest versions of MySQL, the world's most popular open source, free database, as well as Oracle® and Microsoft® SQL Server. In addition, MindTap digital learning solution is available to help you strengthen your SQL skills.

DECISION SCIENCES & OPERATIONS MANAGEMENT

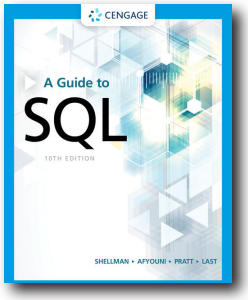
MIS

A GUIDE TO SQL, 10E

Mark Shellman; Hassan Afyouni, e-conn (Chief Information Officer); Philip J. Pratt, Grand Valley State University; Mary Z. Last

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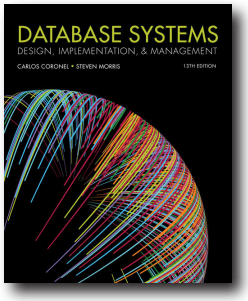
DATABASE SYSTEMS, 13E

Design, Implementation, & Management

Carlos Coronel, Middle Tennessee State University; Steven Morris, Middle Tennessee State University

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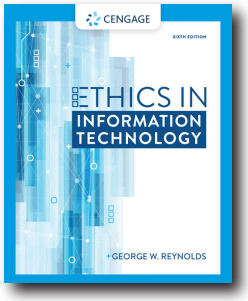
Database skills are among the most in-demand IT skills today. Now you can gain a solid foundation in database design and implementation with the practical, easy-to-understand approach in the market-leading DATABASE SYSTEMS: DESIGN, IMPLEMENTATION, AND MANAGEMENT, 13E. Diagrams, illustrations, and tables clarify in-depth coverage of database design. You learn the key to successful database implementation as you study how to properly design databases to fit within the larger strategic data environment. Clear, straightforward writing supports an outstanding balance of theory and practice with hands-on skills today's employers want. Revised SQL coverage offers more SQL examples and simpler explanations that focus on the areas most important for a database career. More coverage of Big Data Analytics and NoSQL, including related Hadoop technologies, now provides a stronger hands-on approach.

ETHICS IN INFORMATION TECHNOLOGY, 6E

George Reynolds, Strayer University

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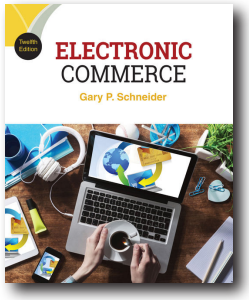
Preparing for a future in IT? ETHICS IN INFORMATION TECHNOLOGY, 6E provides an understanding of the legal, ethical, and societal implications of information technology that you'll need as a successful IT professional. Examine ethical situations in IT and review practical advice for addressing common issues as you study professional codes of ethics, cyberattacks and cybersecurity, security risk assessment, privacy, electronic surveillance, and freedom of expression. You also review Internet censorship, protection of intellectual property, ethical decisions in software systems, IT's impact on society, social networking, and ethics of IT corporations. This book provides a thorough foundation for addressing ethical issues in today's workplace. Business vignettes, Critical-Thinking exercises, thought-provoking Cases and decision-making features prepare you to make key business decisions.

ELECTRONIC COMMERCE, 12E

Gary Schneider

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eBook



Examine the latest developments in online business with cutting-edge coverage, real examples, actual business cases, and hands-on applications found in the market-leading ELECTRONIC COMMERCE, 12E. With comprehensive coverage of emerging strategies and today's most important technologies, this popular book equips you with a solid understanding of the dynamics of this fast-paced industry. The new edition offers thorough discussions of e-commerce growth in the rapidly-developing economies of China, India, and Brazil. You also examine key topics, such as social media and online marketing strategies, technology-enabled outsourcing, and online payment processing systems. New intriguing "Learning From Failure" segments help you draw important lessons from the experiences of actual companies as you review real-world e-commerce practices in action.

INFORMATION SECURITY

HACKING AND COMPUTER PENETRATION TESTING

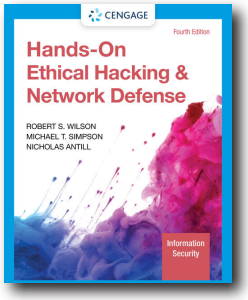
NEW EDITION

HANDS-ON ETHICAL HACKING AND NETWORK DEFENSE, 4E

Nicholas Antill

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MindTap ***eBook***



Wilson/Simpson/Antill's HANDS-ON ETHICAL HACKING AND NETWORK DEFENSE, 4th edition, equips you with the knowledge and skills to protect networks using the tools and techniques of an ethical hacker. The authors explore the concept of ethical hacking and its practitioners -- explaining their importance in protecting corporate and government data -- and then deliver an in-depth guide to performing security testing. Thoroughly updated, the text covers new security resources, emerging vulnerabilities and innovative methods to protect networks, mobile security considerations, computer crime laws and penalties for illegal computer hacking. A final project brings concepts together in a penetration testing exercise and report, while virtual machine labs, auto-graded quizzes and interactive activities in the online learning platform help further prepare you for your role as a network security professional.

INTERNET

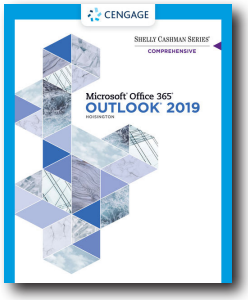
MICROSOFT OUTLOOK

SHELLY CASHMAN SERIES® MICROSOFT® OFFICE 365® & OUTLOOK 2019 COMPREHENSIVE

Corinne Hoisington, N/A

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Introduce your students to the important new features that the latest version of Microsoft® Office has to offer with the focused approach found in MICROSOFT® Office 365® & WINDOWS 2019: COMPREHENSIVE. Part of the acclaimed Shelly Cashman Series®, this edition continues the series' strong history of innovation with an enhanced learning approach designed to engage students, improve retention and prepare learners for success with Microsoft® Windows. A trademark step-by-step, screen-by-screen approach encourages students to expand their understanding of the software through experimentation, critical thought and personalization while also engaging them in real-world scenarios to reinforce critical skills to make them successful in their educational and professional careers. In addition, MindTap and updated SAM (Skills Assessment Manager) online resources are available to guide additional study and ensure successful results.

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WEB SITE CREATION

RESPONSIVE WEB DESIGN WITH HTML 5 & CSS, 9E

Jessica Minnick, Pasco-Hernando Community College

© 2021, 640pp, Paperback, 9780357423837

MindTap eBook



Equipping you with the most up-to-date tools available, Minnick's RESPONSIVE WEB DESIGN WITH HTML 5 & CSS, 9th edition, teaches you step by step how to design professional quality websites that attract and retain customers. Packed with best practices and tips from the pros, the text gives you a solid foundation in HTML, CSS and responsive web design. It shows you how to create one website that automatically adapts to mobile, tablet, laptop and desktop devices as well as large monitors. You will learn how to code a webpage to make a phone call from a mobile device, embed a map, use custom fonts, create shortcut navigation menus, integrate social media to promote a business and more. In addition, you will use popular web framework Bootstrap to create a webpage. Also available: MindTap digital learning solution.

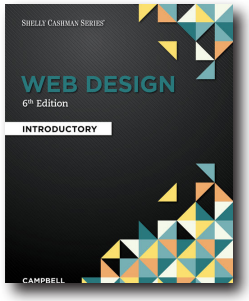
WEB DESIGN, 6E

Introductory

Jennifer T. Campbell, NA

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Wish you had the skills and knowledge to design powerful websites? Gain the expertise you need right now with WEB DESIGN: INTRODUCTORY, 6E. Learn how to balance target audience expectations, sound design principles, and technical considerations as you create successful, device- and platform-independent websites. Hands-on, interesting, and practical activities in each chapter check your comprehension, help build your web research skills, and develop your design awareness. You learn how to critically evaluate current issues in today's technology as you examine topics such as search engine optimization (SEO), HTML and responsive web design. WEB DESIGN: INTRODUCTORY, 6E equips you with the key skills you need to develop a solid web design plan of your own in no time.

MEDIA ARTS & DESIGN

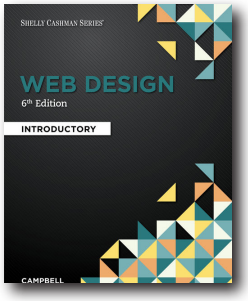
DESIGN CONCEPTS

WEB DESIGN, 6E
Introductory

Jennifer T. Campbell, NA

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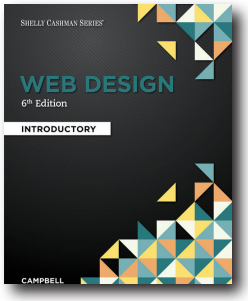
INTERACTIVE MEDIA DESIGN

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Introductory

Jennifer T. Campbell, NA

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MIS

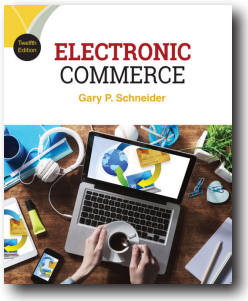
E-COMMERCE

ELECTRONIC COMMERCE, 12E

Gary Schneider

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eBook



Examine the latest developments in online business with cutting-edge coverage, real examples, actual business cases, and hands-on applications found in the market-leading ELECTRONIC COMMERCE, 12E. With comprehensive coverage of emerging strategies and today's most important technologies, this popular book equips you with a solid understanding of the dynamics of this fast-paced industry. The new edition offers thorough discussions of e-commerce growth in the rapidly-developing economies of China, India, and Brazil. You also examine key topics, such as social media and online marketing strategies, technology-enabled outsourcing, and online payment processing systems. New intriguing "Learning From Failure" segments help you draw important lessons from the experiences of actual companies as you review real-world e-commerce practices in action.

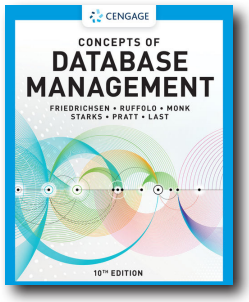
ELECTIVES

CONCEPTS OF DATABASE MANAGEMENT, 10E

Philip J. Pratt, Grand Valley State University; Joseph J. Adamski, Grand Valley State University; Ellen Monk, University of Delaware; Joy L. Starks, Indiana University, Purdue University at Indianapolis

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MindTap **eBook**



Strengthen your understanding of database management today with the thorough, hands-on presentation found in CONCEPTS OF DATABASE MANAGEMENT, 10th Edition. Real cases, practical examples, helpful screenshots and concise explanations help clarify concepts, such as database design, data integrity, normalization, concurrent updates, data security and big data. Completely updated content reflects Microsoft® Access 2019, Office 365 standards and SQL Server 2019, while exploring SQL in a database-neutral environment. Detailed coverage presents the relational model (including QBE and SQL), normalization and views as well as database administration and management. You also examine advanced topics, such as distributed databases, data warehouses, stored procedures, triggers, data macros and Web Apps. Completely redesigned MindTap digital resources provide step-by-step practice using Access 2019 with instant feedback. Trust this contemporary introduction to help you master today's database techniques to advance your career in any field.

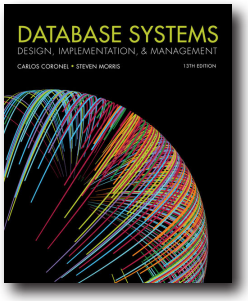
DATABASE SYSTEMS, 13E

Design, Implementation, & Management

Carlos Coronel, Middle Tennessee State University; Steven Morris, Middle Tennessee State University

© 2019, 816pp, Hardback, 9781337627900

MindTap *eBook*



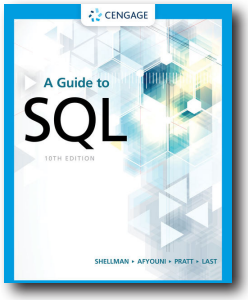
Database skills are among the most in-demand IT skills today. Now you can gain a solid foundation in database design and implementation with the practical, easy-to-understand approach in the market-leading DATABASE SYSTEMS: DESIGN, IMPLEMENTATION, AND MANAGEMENT, 13E. Diagrams, illustrations, and tables clarify in-depth coverage of database design. You learn the key to successful database implementation as you study how to properly design databases to fit within the larger strategic data environment. Clear, straightforward writing supports an outstanding balance of theory and practice with hands-on skills today's employers want. Revised SQL coverage offers more SQL examples and simpler explanations that focus on the areas most important for a database career. More coverage of Big Data Analytics and NoSQL, including related Hadoop technologies, now provides a stronger hands-on approach.

A GUIDE TO SQL, 10E

Mark Shellman; Hassan Afyouni, e-conn (Chief Information Officer); Philip J. Pratt, Grand Valley State University; Mary Z. Last

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MindTap *eBook*



Master today's SQL programming principles and learn how to most effectively apply your SQL skills with Shellman/Afyouni/Pratt/Last's A GUIDE TO SQL, Tenth Edition. This edition's leading approach combines straightforward instruction and extensive hands-on exercises with a strong foundation and emphasis on today's actual business applications. This edition introduces basic SQL commands in the context of an intriguing, ongoing case in which a business uses SQL to manage orders, items, customers and sales reps. This edition emphasizes how to apply fundamental principles and strengthen your programming practices, regardless of the database environment. You work with examples from the latest versions of MySQL, the world's most popular open source, free database, as well as Oracle® and Microsoft® SQL Server. In addition, MindTap digital learning solution is available to help you strengthen your SQL skills.

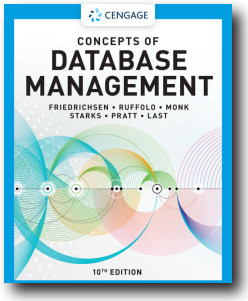
Cengage

CONCEPTS OF DATABASE MANAGEMENT, 10E

Philip J. Pratt, Grand Valley State University; Joseph J. Adamski, Grand Valley State University; Ellen Monk, University of Delaware; Joy L. Starks, Indiana University, Purdue University at Indianapolis

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MindTap *eBook*



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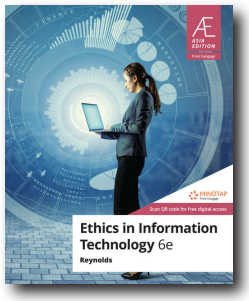
AE ETHICS IN INFORMATION TECHNOLOGY, 6E

George Reynolds, Strayer University

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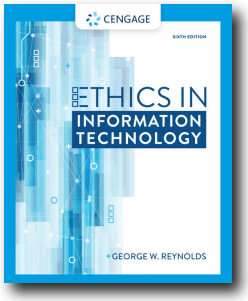
Give students an understanding of the legal, ethical, and societal implications of information technology with Reynolds' ETHICS IN INFORMATION TECHNOLOGY, 6E. Thorough coverage highlights notable technology developments and their impact on business. Students examine professional codes of ethics, cyberattacks and cybersecurity, security risk assessment, privacy, electronic surveillance, and freedom of expression. They also study Internet censorship, protection of intellectual property, quality software systems, IT's impact on society, social networking, and ethics of IT corporations. Unlike other introductory books with brief ethical coverage, this edition provides a thorough foundation for addressing ethical issues in the workplace. Business vignettes, new Critical-Thinking Exercises and Manager's Checklists help students examine ethical situations in IT and address relevant issues.

ETHICS IN INFORMATION TECHNOLOGY, 6E

George Reynolds, Strayer University

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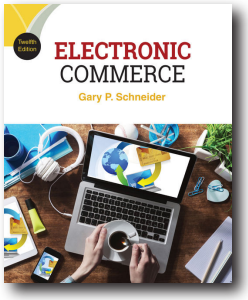
Preparing for a future in IT? ETHICS IN INFORMATION TECHNOLOGY, 6E provides an understanding of the legal, ethical, and societal implications of information technology that you'll need as a successful IT professional. Examine ethical situations in IT and review practical advice for addressing common issues as you study professional codes of ethics, cyberattacks and cybersecurity, security risk assessment, privacy, electronic surveillance, and freedom of expression. You also review Internet censorship, protection of intellectual property, ethical decisions in software systems, IT's impact on society, social networking, and ethics of IT corporations. This book provides a thorough foundation for addressing ethical issues in today's workplace. Business vignettes, Critical-Thinking exercises, thought-provoking Cases and decision-making features prepare you to make key business decisions.

ELECTRONIC COMMERCE, 12E

Gary Schneider

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eBook



Examine the latest developments in online business with cutting-edge coverage, real examples, actual business cases, and hands-on applications found in the market-leading ELECTRONIC COMMERCE, 12E. With comprehensive coverage of emerging strategies and today's most important technologies, this popular book equips you with a solid understanding of the dynamics of this fast-paced industry. The new edition offers thorough discussions of e-commerce growth in the rapidly-developing economies of China, India, and Brazil. You also examine key topics, such as social media and online marketing strategies, technology-enabled outsourcing, and online payment processing systems. New intriguing "Learning From Failure" segments help you draw important lessons from the experiences of actual companies as you review real-world e-commerce practices in action.

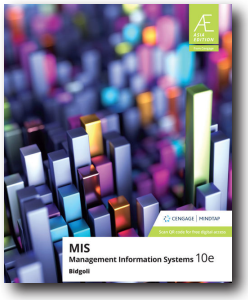
INTRODUCTION TO IS/MIS/IT

AE MIS (MANAGEMENT INFORMATION SYSTEMS), 10E

Hossein Bidgoli, California State University, Bakersfield

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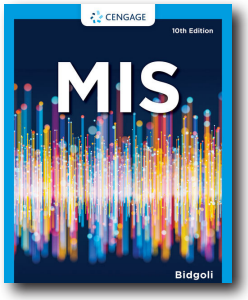
Introduce your students to MIS today with the most practical and current title available: MIS 10. Updates throughout this edition present the latest developments in cloud computing, AR/VR, quantum computing and blockchain. New case studies and information boxes connect the principles your students are learning to the most current developments in technology and business today. Key concepts and skills within each case are now tagged to the corresponding AASCB standards to ensure your students are focused on the most important information for success.

MIS, 10E

Hossein Bidgoli, California State University, Bakersfield

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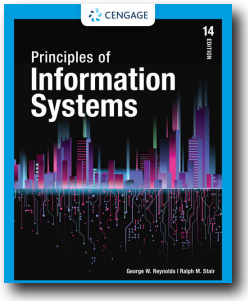
Learn the principles of MIS as you explore the latest developments and industry trends with MIS 10. This practically focused approach helps you master foundational MIS concepts that will guide your career. You examine the latest topics, such as cloud computing, AR/VR, quantum computing and blockchain, with the most current MIS title on the market. Have you ever wondered what you would have done as a company leader in a critical moment? With this edition's MindTap digital experience, you can strengthen your decision-making skills with "YouDecide" -- new interactive case studies that bridge technology and business strategy and position you as the decision maker. You can also examine possible career paths with new career connection videos. Delve deeper into key course concepts with new concept videos and foundational case studies. In addition, MindTap's RSS feeds alert you to the latest advancements and trends for a stronger focus on today's real business world.

PRINCIPLES OF INFORMATION SYSTEMS, 14E

Ralph M. Stair, Professor Emeritus; George Reynolds, Strayer University

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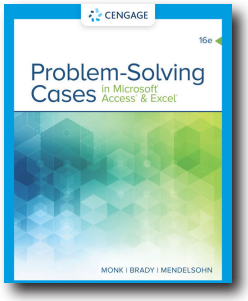
Develop an understanding of the core principles of information systems (IS) and how these principles make a difference in today's business environment with Stair/Reynolds' PRINCIPLES OF INFORMATION SYSTEMS, 14E. Completely reorganized for clarity and focus, this fresh new edition provides engaging new chapter opening cases and a new chapter on AI and automation. You explore the challenges and risks of cybercrime, hacking, internet of things, and artificial intelligence as you examine the latest IS research and learn from memorable examples. You can even maximize your employability as you learn how to use IS to increase profits and reduce costs in organizations. You study the latest in big data, business intelligence, cloud computing, e-commerce, enterprise systems, mobile computing, strategic planning, and systems development. Powerful tools, such as new ConceptClip videos and You Make the Decision interactive cases in this edition's MindTap digital resources help you further your success.

PROBLEM SOLVING CASES IN MICROSOFT ACCESS & EXCEL, 16E

Ellen Monk, University of Delaware; Joseph Brady, University of Delaware; Emilio Mendelsohn, University of Delaware

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eBook



Learn how to analyze and successfully solve today's real business problems using the latest Microsoft® Office Access database management system and the most recent version of Excel spreadsheet tools. Packed with hands-on learning opportunities, Monk/Brady/Mendelsohn's PROBLEM-SOLVING CASES IN MICROSOFT® ACCESS AND EXCEL, 16E features five individual tutorials designed to build your practical knowledge as you walk step-by-step through the capabilities of each software application. Twelve all-new case studies challenge you to use the software applications to resolve scenarios and problems you are likely to encounter on the job. In addition, a unique emphasis on skill-building integration demonstrates how to use Access and Excel together to resolve challenges within each case. Trust today's most up-to-date, practical guide for mastering critical Access and Excel skills in a business context.

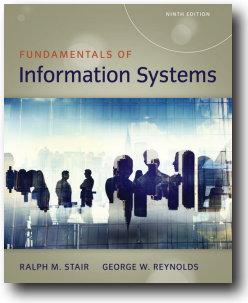
Cengage

FUNDAMENTALS OF INFORMATION SYSTEMS, 9E

Ralph M. Stair, Professor Emeritus; George Reynolds, Strayer University

© 2018, 560pp, Paperback, 9781337097536

MindTap eBook



Gain an overview of the core principles of IS and how it is practiced today as the concise, nine-chapter FUNDAMENTALS OF INFORMATION SYSTEMS, 9th edition combines the latest research with the most current coverage available. The book addresses analytics; big data; business intelligence; cloud computing; cybercrime and information system security; e-commerce; enterprise systems; ethical, legal, and social issues of information systems; mobile computing solutions; and systems acquisition and development. You learn how information systems can increase profits and reduce costs as you explore the latest information on artificial intelligence, change management, consumerization of information systems, data governance, energy and environmental concerns, global IS challenges, Internet of Everything, Internet censorship and net neutrality, IS careers, and virtual teams. Leading online MindTap help you further maximize success as an employee, decision maker, and business leader.

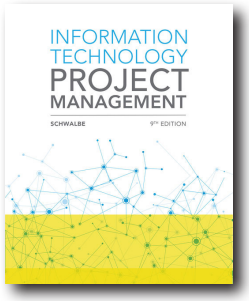
PROJECT MANAGEMENT

INFORMATION TECHNOLOGY PROJECT MANAGEMENT, 9E

Kathy Schwalbe, Augsburg College

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MindTap eBook



Develop a strong understanding of IT project management as you learn to apply today's most effective project management tools and techniques with the unique approach found in Schwalbe's INFORMATION TECHNOLOGY PROJECT MANAGEMENT, 9E. Examine the latest developments and skills as you prepare for the Project Management Professional (PMP) or Certified Associate in Project Management (CAPM) exams. This edition reflects content from the latest PMBOK® Guide, 6E and the Agile Practice Guide while providing a meaningful context. Examples from familiar companies featured in today's news discussion, exercises and cases reinforce learning. Time-saving template files assist in completing tasks. Agile information, a guide to using Microsoft Project 2016 and MindTap online resources will help you master today's most marketable IT project management skills.

SYSTEMS ANALYSIS AND DESIGN

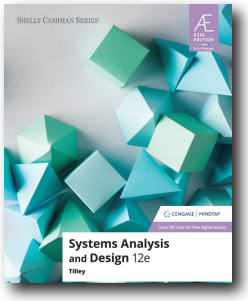
AE SYSTEMS ANALYSIS AND DESIGN, 12E

Scott Tilley, Florida Institute of Technology

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MindTap

AsiaTitle



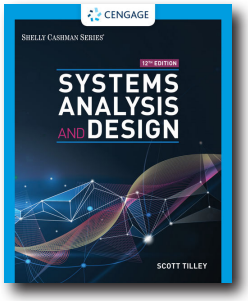
Introduce information systems development with today's latest practical and streamlined approach in Tilley's SYSTEMS ANALYSIS AND DESIGN, 12E and MindTap digital resources. Students learn even more about emerging technologies and methodologies, including agile methods, cloud computing and mobile applications, as this edition provides an easy-to-understand approach to systems analysis and design. Meaningful projects, insightful assignments and end-of-chapter exercises -- within this edition and online -- work together to hone your students' skills. New MindTap ConceptClip videos and a new continuing case complement the book's wealth of real-world examples and work with proven online learning tools to help students master critical thinking and IT skills needed in today's dynamic, business-related environment. Detailed instructor support focuses on the most important skills and concepts to guide you in helping your students succeed in today's competitive business world.

SYSTEMS ANALYSIS AND DESIGN, 12E

Scott Tilley, Florida Institute of Technology

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MindTap ***eBook***



Discover a practical, streamlined approach to information systems development that focuses on the latest developments with Tilley's SYSTEMS ANALYSIS AND DESIGN, 12E and MindTap digital resources. Real examples clearly demonstrate both traditional and emerging approaches to systems analysis and design, including object-oriented and agile methods. You also study cloud computing and mobile applications as this edition presents an easy-to-follow approach to systems analysis and design. Meaningful projects, insightful assignments and both online and printed exercises emphasize the critical thinking and IT skills that are most important in today's dynamic, business-related environment. New MindTap ConceptClip videos and a new online continuing case further demonstrate concepts for success in today's competitive and rapidly changing business world.

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NETWORKING

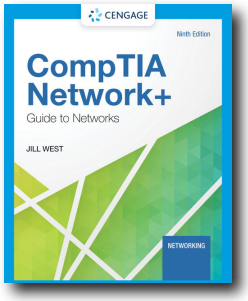
COMPTIA

COMPTIA NETWORK+ GUIDE TO NETWORKS, 9E

Jill West, Georgia Northwestern Technical College

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Master the technical skills and industry knowledge you need to begin an exciting career installing, configuring and troubleshooting computer networks with West's completely updated NETWORK+ GUIDE TO NETWORKS, 9E. This resource thoroughly prepares you for success on the latest CompTIA's Network+ N10-008 certification exam as content corresponds to all exam objectives, including protocols, topologies, hardware, network design, security and troubleshooting. Detailed, step-by-step instructions as well as cloud, virtualization and simulation projects give you experience working with a variety of hardware, software and operating systems as well as device interactions. Stories from professionals on the job, insightful discussion prompts, hands-on activities, applications and projects all guide you in exploring key concepts in-depth. You gain the problem-solving tools for any computing environment. MindTap digital resources are also available for additional practice and certification prep.

NETWORKING

NEW EDITION

DATA COMMUNICATION AND COMPUTER NETWORKS, 9E

A Business User's Approach

Curt White, DePaul University

© 2023, 456pp, Hardback, 9780357504406

eBook



Whether you are preparing for a career as a business manager, computer programmer or system designer, or you simply want to be an informed home computer user, West's DATA COMMUNICATIONS AND COMPUTER NETWORKS, 9th Edition provides an understanding of the essential features, operations and limitations of today's computer networks. You learn about systems both on premises and in the cloud as the author balances technical concepts with practical, everyday issues. Updates address the latest developments and practices in cloud business principles and security techniques, software-defined networking, 5G, the Internet of Things, data analytics and supporting remote workforces. This edition also covers the CompTIA's Cloud Essentials+ exam to help you prepare for this vendor-neutral, business-oriented cloud computing certification. Hands-on learning features and thought-provoking content also guide you through virtual networking technologies, industry convergence and wired and wireless LAN technologies.

NETWORKING & SECURITY

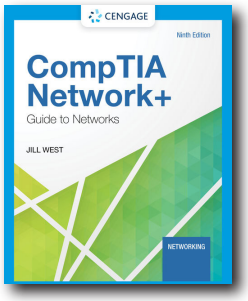
INTRODUCTION TO NETWORKING

COMPTIA NETWORK+ GUIDE TO NETWORKS, 9E

Jill West, Georgia Northwestern Technical College

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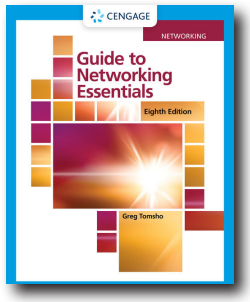
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GUIDE TO NETWORKING ESSENTIALS, 8E

Greg Tomsho, Yavapai College

© 2020, 638pp, Paperback, 9780357118283

MindTap eBook



Packed with hands-on learning tools, Tomsho's GUIDE TO NETWORKING ESSENTIALS, Eighth Edition, equips you with the knowledge and skills to work with network infrastructure devices and network operating systems in a small to medium-size network environment. Focusing on troubleshooting and computer networking technologies, it delivers a comprehensive introduction to network protocols and network devices, including wireless and cybersecurity technologies. It reflects the latest networking technologies and operating systems, covers new Ethernet standards, includes an Internet of Things (IoT) chapter and adds certification mapping to the Microsoft Technology Associate (MTA Exam 98-366) in Networking Fundamentals. Maximizing your success, virtual labs and the MindTap digital learning solution give you ample opportunities to put what you learn into practice and prep for the certification test.

Cengage

NETWORKING

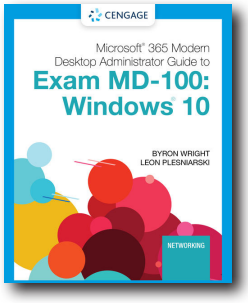
MICROSOFT 365 MODERN DESKTOP ADMINISTRATOR GUIDE TO EXAM MD-100

Windows 10

Byron Wright; Leon Plesniarski

© 2022, 592pp, Paperback, 9780357501757

MindTap



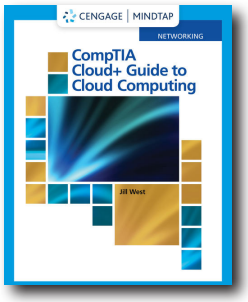
Wright/Plesniarski's MICROSOFT® SPECIALIST GUIDE TO MICROSOFT EXAM MD-100: WINDOWS 10 ensures you are well prepared for the Microsoft® exam as well as a successful career in system administration. Completely up to date, this student-friendly guide walks you step by step through all aspects of installing, configuring and maintaining Windows 10 as a client operating system. Engaging exercises throughout enable you to experience the processes involved in Windows 10 configuration and management -- with plenty of troubleshooting tips that offer solutions to common problems. Review Questions help you prepare for the Microsoft® certification exam, while Case Projects provide practice in situations that must be managed in a live networking environment. Giving you added flexibility, labs can be completed on physical or virtual machines. Also available: MindTap digital learning solution.

COMPTIA CLOUD+ GUIDE TO CLOUD COMPUTING

Jill West, Georgia Northwestern Technical College

© 2021, Hardback, 9780357541395

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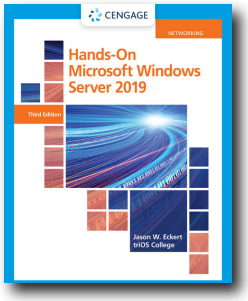


HANDS-ON MICROSOFT® WINDOWS SERVER 2019, 3E

Jason W. Eckert, triOS College

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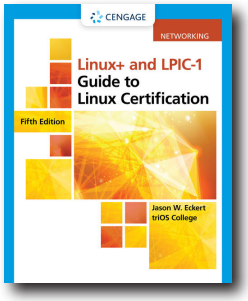
Eckert's HANDS-ON MICROSOFT® WINDOWS® SERVER 2019 equips you with a solid foundation in basic server administration -- no prior experience required. It empowers you with the knowledge to manage servers on small to large networks and maximize Windows® Server 2019 administration. Using a logical topic flow and step-by-step exercises, it delivers thorough coverage of core Windows® Server 2019 features. You will learn how to deploy Windows® Server 2019 in a variety of different environments -- including those that rely on virtualization and containers -- and how to configure and manage server storage, troubleshoot performance issues and work with common Windows® Server technologies and network services, such as Active Directory, DNS, DHCP, IPAM, file sharing, printing and remote access. Numerous hands-on projects and MindTap activities enable you to put what you learn into real-world practice.

LINUX+ AND LPIC-1 GUIDE TO LINUX CERTIFICATION, 5E

Jason W. Eckert, triOS College

© 2020, 768pp, Paperback, 9781337569798

MindTap *eBook*



Eckert's LINUX+ and LPIC-1 GUIDE TO LINUX CERTIFICATION, 5th Edition, empowers you with the knowledge and skills you need to succeed on CompTIA's Linux®+ (XKO-004) certification exam and the Linux Professional Institute LPIC-1 (101-500 and 102-500) certification exams, as well as in your network administration career. The book covers the latest Linux® distributions, virtualization, containerization and storage technologies. Comprehensive coverage also addresses key job-related networking and security services, including FTP, NFS, Samba, Apache, DNS, DHCP, NTP, Squid, Postfix, SSH, VNC, Spice, RDP, GPG, PostgreSQL and iptables/firewalld. Hands-on projects give you practice using both modern Linux® distributions (Fedora™ 28 and Ubuntu® Server 18.04) and industry's legacy Linux distributions. And with MindTap's live virtual machine labs, you can explore various solutions in a safe, sandbox environment using real Cisco hardware and virtualized Linux operating systems.

Cengage

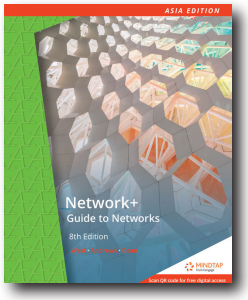
AE NETWORK+ GUIDE TO NETWORKS, 8E

Jill West, Georgia Northwestern Technical College; Tamara Dean; Jean Andrews

© 2019, 880pp, Paperback, 9789814834643

MindTap

AsiaTitle



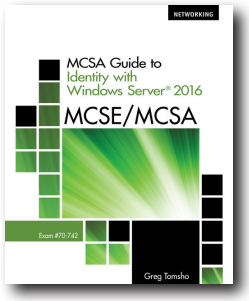
Completely updated, West/Dean/Andrews' NETWORK+ GUIDE TO NETWORKS, 8th edition, equips your students with the skills and knowledge to begin an exciting career installing, configuring and troubleshooting computer networks. It thoroughly prepares students for success on CompTIA's Network+ N10-007 certification exam with fully mapped coverage of all objectives, including protocols, topologies, hardware, network design, security and troubleshooting. An all-new structure makes essential information easily accessible and helps students visualize high-level concepts. New virtualization-based projects give students experience working with a wider variety of hardware, software, operating systems and device interactions, while "On the Job" stories, Applying Concepts activities, and Hands-On and Capstone Projects help readers further explore chapter concepts. MindTap Networking is also available.

MCSA GUIDE TO IDENTITY WITH WINDOWS SERVER® 2016, EXAM 70-742

Greg Tomsho, Yavapai College

© 2018, 448pp, Paperback, 9781337400893

MindTap ***eBook***



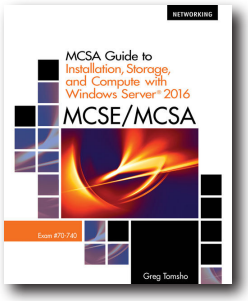
Packed with a wealth of hands-on activities, MCSA GUIDE TO IDENTITY WITH WINDOWS SERVER® 2016, EXAM 70-742 empowers you to successfully pass the MCSE/MCSA certification exam while also equipping you to face the real-world challenges of a Microsoft® networking professional. This engaging full-color presentation emphasizes the skills necessary to configure identity management with Windows Server® 2016. Comprehensive coverage highlights advanced Active Directory configuration and management, Group Policy, Certificate Services, Identity federation, Web Application Proxy and Active Directory Rights Management. Hands-on labs and skill-reinforcing case projects give you plenty of opportunity to apply what you learn to real-world practice.

MCSA GUIDE TO INSTALLATION, STORAGE, AND COMPUTE WITH MICROSOFT®WINDOWS SERVER 2016, EXAM 70-740

Greg Tomsho, Yavapai College

© 2018, 624pp, Paperback, 9781337400664

MindTap *eBook*



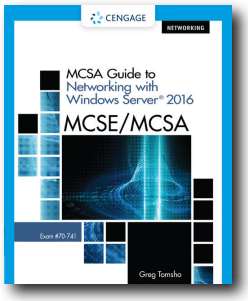
Packed with hands-on activities, MCSA GUIDE TO INSTALLATION, STORAGE, AND COMPUTE WITH MICROSOFT® WINDOWS SERVER® 2016, EXAM 70-740 equips you to pass the MCSE/MCSA certification exam while preparing you to become a successful Microsoft® networking professional. A clear presentation emphasizes the skills to manage a Windows Server 2016 system and focuses on installation, management, and configuration. Extensive coverage of all exam objectives introduces Windows Server 2016 and covers server installation, server configuration and management, storage and file systems, Hyper-V virtualization, high availability, and server maintenance and monitoring. A full chapter highlights new Nano Server and Windows Containers. Unlike many certification books, this edition goes beyond the certification objectives to provide an understanding of the core technologies built into Windows Server. Hands-on activities focus on virtualization and can be performed in a classroom or within MindTap.

MCSA GUIDE TO NETWORKING WITH WINDOWS SERVER® 2016, EXAM 70-741

Greg Tomsho, Yavapai College

© 2018, 496pp, Paperback, 9781337400787

MindTap *eBook*



Packed with a wealth of hands-on activities, NETWORKING WITH WINDOWS SERVER® 2016, EXAM 70-741 empowers you to successfully pass the MCSE/MCSA certification exam while also equipping you to successfully face the real challenges that you will encounter as a Microsoft® networking professional. This engaging, full-color presentation emphasizes the key skills necessary to manage and configure a Windows Server 2016 network. Comprehensive coverage addresses TCP/IP configuration, including IPv6, DNS configuration, DHCP implementation and management, deploying remote access, configuring distributed network file services, and high performance network solutions. In addition, hands-on labs and meaningful case projects offer extensive opportunities for you to apply what you've learned in real practice.

Cengage

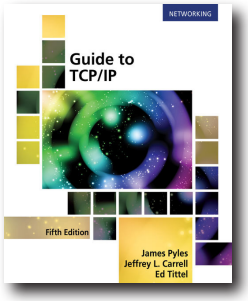
GUIDE TO TCP/IP, 5E

IPv6 and IPv4

James Pyles; Jeffrey L. Carrell ; Ed Tittel

© 2017, 768pp, Paperback, 9781305946958

MindTap eBook



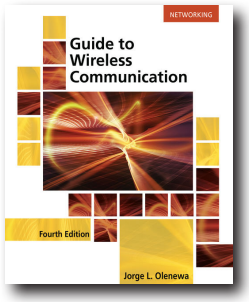
Guide to TCP/IP: IPv6 and IPv4 introduces students to the concepts, terminology, protocols, and services that the Transmission Control Protocol/Internet Protocol (TCP/IP) suite uses to make the Internet work. This text stimulates hands-on skills development by not only describing TCP/IP capabilities, but also by encouraging students to interact with protocols. It provides the troubleshooting knowledge and tools that network administrators and analysts need to keep their systems running smoothly. Guide to TCP/IP covers topics ranging from traffic analysis and characterization, to error detection, security analysis and more. Both IPv6 and IPv4 are covered in detail.

GUIDE TO WIRELESS COMMUNICATIONS, 4E

Jorge Olenewa, George Brown College

© 2017, 528pp, Paperback, 9781305958531

eBook



Learn about the most popular wireless data communications technologies in use today as GUIDE TO WIRELESS COMMUNICATIONS, 4E examines Bluetooth, ZigBee, Wi-Fi, cellular and satellite communications while providing a broad industry perspective. You develop a solid base of knowledge in Wireless Personal Area Networks (WPANs), Wireless Local Area Networks (WLANs), Wireless Metropolitan Area Networks (WMANs), and Wireless Wide Area Networks (WWANs) to help you better understand the most popular wireless communications available today. This book's comprehensive approach to wireless communication technology provides the solid background you need to prepare you for a future career in today's information and communications technology field.

SECURITY

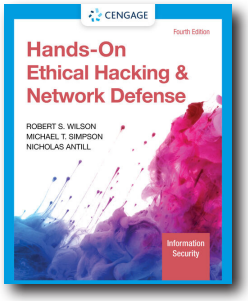
NEW EDITION

HANDS-ON ETHICAL HACKING AND NETWORK DEFENSE, 4E

Nicholas Antill

© 2023, 448pp, Paperback, 9780357509753

MindTap ***eBook***



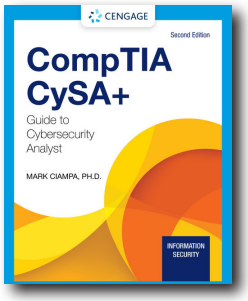
Wilson/Simpson/Antill's HANDS-ON ETHICAL HACKING AND NETWORK DEFENSE, 4th edition, equips you with the knowledge and skills to protect networks using the tools and techniques of an ethical hacker. The authors explore the concept of ethical hacking and its practitioners -- explaining their importance in protecting corporate and government data -- and then deliver an in-depth guide to performing security testing. Thoroughly updated, the text covers new security resources, emerging vulnerabilities and innovative methods to protect networks, mobile security considerations, computer crime laws and penalties for illegal computer hacking. A final project brings concepts together in a penetration testing exercise and report, while virtual machine labs, auto-graded quizzes and interactive activities in the online learning platform help further prepare you for your role as a network security professional.

COMPTIA CYSA+ GUIDE TO CYBERSECURITY ANALYST (CS0-002), 2E

Mark Ciampa, Western Kentucky University

© 2022, 976pp, Hardback, 9780357678091

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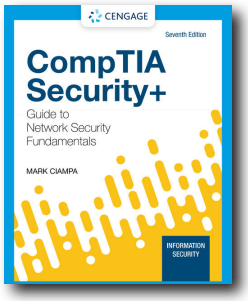
Develop the advanced cybersecurity knowledge and skills for success on the latest CompTIA Cybersecurity Analyst certification exam (CySA+ CS0-002) with Ciampa's COMPTIA CYSA+ GUIDE TO CYBERSECURITY ANALYST (CS0-002), 2nd Edition. Updated, "stair-stepped" content builds on material you've previously mastered as you learn to analyze and interpret threat intelligence data, identify and address both external and internal vulnerabilities and respond effectively to cyber incidents. Each module opens with an actual, recent cybersecurity event that provides context for the information that follows. Quick review questions help test your understanding as you progress through content that completely maps to the latest CySA+ CS0-002 certification. MindTap digital resources offer additional tools to boost understanding and performance. Each module culminates with hands-on Live Virtual Machine Labs that allow you to troubleshoot, practice, explore and try different solutions in a safe, sandbox environment.

COMPTIA SECURITY+ GUIDE TO NETWORK SECURITY FUNDAMENTALS, 7E

Mark Ciampa, Western Kentucky University

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MindTap eBook



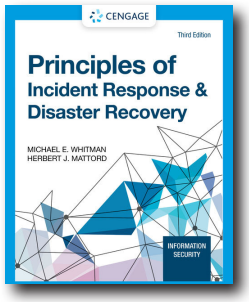
Reflecting the latest developments and emerging trends from the field, COMPTIA SECURITY+ GUIDE TO NETWORK SECURITY FUNDAMENTALS, Seventh Edition, helps you prepare for professional certification -- and career success. The text fully maps to the new CompTIA Security+ SY0-601 Certification Exam, providing thorough coverage of all domain objectives. In addition to its comprehensive coverage of the fundamental essentials of network and computer security, the seventh edition includes expanded coverage of security evaluations, embedded device and Internet of Things (IoT) security, and cloud and virtualization security. Practical, Hands-On Projects, case activities and online virtual labs help you put what you learn into real-world practice, while the innovative Information Security Community Site connects you to up-to-the-minute news and insights from the information security field.

PRINCIPLES OF INCIDENT RESPONSE & DISASTER RECOVERY, 3E

Michael E. Whitman - Ph. D., CISM, CISSP, Michael J. Coles College of Business, Kennesaw State University; Herbert J. Mattord - MBA, CISM, CISSP, Michael J. Coles College of Business, Kennesaw State University

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Learn how to identify vulnerabilities within computer networks and implement countermeasures that mitigate risks and damage with Whitman/Mattord's PRINCIPLES OF INCIDENT RESPONSE & DISASTER RECOVERY, 3rd Edition. This edition offers the knowledge you need to help organizations prepare for and avert system interruptions and natural disasters. Comprehensive coverage addresses information security and IT in contingency planning today. Updated content focuses on incident response and disaster recovery. You examine the complexities of organizational readiness from an IT and business perspective with emphasis on management practices and policy requirements. You review industry's best practices for minimizing downtime in emergencies and curbing losses during and after system service interruptions. This edition includes the latest NIST knowledge, expanded coverage of security information and event management (SIEM) and unified threat management, and more explanations of cloud-based systems and Web-accessible tools to prepare you for success.

PRINCIPLES OF INFORMATION SECURITY, 7E

Michael E. Whitman - Ph. D., CISM, CISSP, Michael J. Coles College of Business, Kennesaw State University; Herbert J. Mattord - MBA, CISM, CISSP, Michael J. Coles College of Business, Kennesaw State University

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Discover the latest trends, developments and technology in information security with Whitman/Mattord's market-leading PRINCIPLES OF INFORMATION SECURITY, 7th Edition. Designed specifically to meet the needs of information systems students like you, this edition's balanced focus addresses all aspects of information security, rather than simply offering a technical control perspective. This overview explores important terms and examines what is needed to manage an effective information security program. A new module details incident response and detection strategies. In addition, current, relevant updates highlight the latest practices in security operations as well as legislative issues, information management toolsets, digital forensics and the most recent policies and guidelines that correspond to federal and international standards. MindTap digital resources offer interactive content to further strength your success as a business decision-maker.

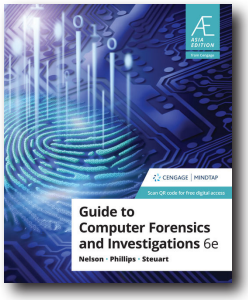
AE GUIDE TO COMPUTER FORENSICS AND INVESTIGATIONS, 6E

Bill Nelson; Amelia Phillips, Highline Community College; Christopher Steuart

© 2019, 768pp, Paperback, 9789814878067

MindTap

AsiaTitle



Providing authoritative information, powerful instructor resources and real-world student applications, Nelson/Phillips/Steuart's GUIDE TO COMPUTER FORENSICS AND INVESTIGATIONS, Sixth Edition delivers the most comprehensive forensics resource available. This proven author team's wide-ranging areas of expertise mirror the breadth of coverage in the text, which focuses on techniques and practices for gathering and analyzing evidence used to solve crimes involving computers and other digital devices. Providing clear instruction on the tools and techniques of the trade, it introduces readers to every step of the computer forensics investigation--from lab setup to testifying in court. It also details how to use current forensics software and provides free demo downloads of popular tools like FTK Imager for use with Case Projects and Hands-On Projects. MindTap Computing is also available.

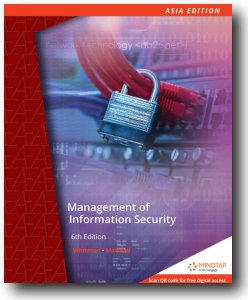
AE MANAGEMENT OF INFORMATION SECURITY, 6E

Michael E. Whitman - Ph. D., CISM, CISSP, Michael J. Coles College of Business, Kennesaw State University; Herbert J. Mattord - MBA, CISM, CISSP, Michael J. Coles College of Business, Kennesaw State University

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AsiaTitle



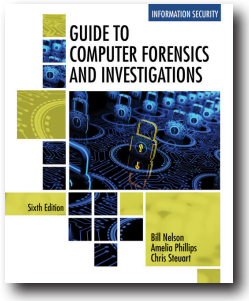
Equip your students with a management-focused overview of information security as well as the tools to effectively administer it with Whitman/Mattord's MANAGEMENT OF INFORMATION SECURITY, Sixth Edition. More than ever, we need to prepare information security management students to build and staff security programs capable of securing systems and networks to meet the challenges in a world where continuously emerging threats, ever-present attacks and the success of criminals illustrate weaknesses in current information technologies. This text offers an exceptional blend of skills and experiences to administer and manage the more secure computing environments that organizations need. Reflecting the latest developments from the field, it includes updated coverage of NIST, ISO and security governance along with emerging concerns like Ransomware, Cloud Computing and the Internet of Things.

GUIDE TO COMPUTER FORENSICS AND INVESTIGATIONS, 6E

Bill Nelson; Amelia Phillips, Highline Community College; Christopher Steuart

© 2019, 688pp, Paperback, 9781337568944

MindTap ***eBook***



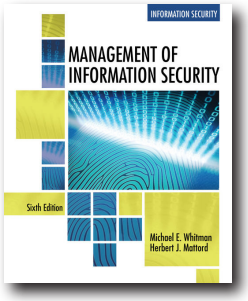
Master the skills you need to conduct a successful digital investigation with Nelson/Phillips/Steuart's GUIDE TO COMPUTER FORENSICS AND INVESTIGATIONS, Sixth Edition--the most comprehensive forensics resource available. While other books offer just an overview of the field, this hands-on learning text provides clear instruction on the tools and techniques of the trade, walking you through every step of the computer forensics investigation--from lab setup to testifying in court. It also explains how to use current forensics software and provides free demo downloads. It includes the most up-to-date coverage available of Linux and Macintosh, virtual machine software such as VMware and Virtual Box, Android, mobile devices, handheld devices, cloud forensics, email, social media and the Internet of Anything. With its practical applications, you can immediately put what you learn into practice.

MANAGEMENT OF INFORMATION SECURITY, 6E

Michael E. Whitman - Ph. D., CISM, CISSP, Michael J. Coles College of Business, Kennesaw State University; Herbert J. Mattord - MBA, CISM, CISSP, Michael J. Coles College of Business, Kennesaw State University

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MindTap *eBook*



MANAGEMENT OF INFORMATION SECURITY, Sixth Edition prepares you to become an information security management practitioner able to secure systems and networks in a world where continuously emerging threats, ever-present attacks and the success of criminals illustrate the weaknesses in current information technologies. You'll develop both the information security skills and practical experience that organizations are looking for as they strive to ensure more secure computing environments. The text focuses on key executive and managerial aspects of information security. It also integrates coverage of CISSP and CISM throughout to effectively prepare you for certification. Reflecting the most recent developments in the field, it includes the latest information on NIST, ISO and security governance as well as emerging concerns like Ransomware, Cloud Computing and the Internet of Things.

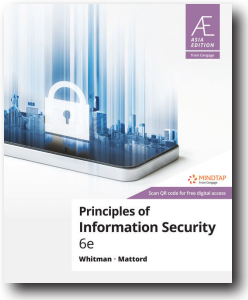
AE PRINCIPLES OF INFORMATION SECURITY, 6E

Michael E. Whitman - Ph. D., CISM, CISSP, Michael J. Coles College of Business, Kennesaw State University; Herbert J. Mattord - MBA, CISM, CISSP, Michael J. Coles College of Business, Kennesaw State University

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AsiaTitle



Introduce the latest technology and developments with the book specifically oriented to the needs of information systems students: PRINCIPLES OF INFORMATION SECURITY, 6E. Taking a managerial approach, this market-leading introductory book emphasizes all the aspects of information security -- not just the technical control perspective. Students gain a broad overview of the entire field of information security and related elements with the detail to ensure understanding. Students review terms used in the field, a history of the discipline, and an overview of how to manage an information security program. Current and relevant, this edition highlights the latest practices with fresh examples that explore the impact of emerging technologies, such as the Internet of Things, Cloud Computing, and DevOps. Updates address technical security controls, emerging legislative issues, digital forensics, and ethical issues in IS security, making it ideal for business decision-makers.

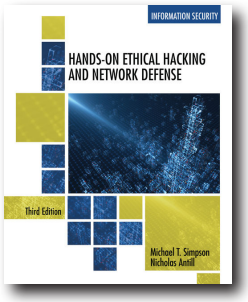
Cengage

HANDS-ON ETHICAL HACKING AND NETWORK DEFENSE, 3E

Michael T. Simpson; Nicholas Antill

© 2017, 512pp, Paperback, 9781285454610

MindTap eBook



Cyber-terrorism and corporate espionage are increasingly common and devastating threats, making trained network security professionals more important than ever. This timely text helps you gain the knowledge and skills to protect networks using the tools and techniques of an ethical hacker. The authors begin by exploring the concept of ethical hacking and its practitioners, explaining their importance in protecting corporate and government data from cyber attacks. The text then provides an in-depth guide to performing security testing against computer networks, covering current tools and penetration testing methodologies. Updated for today's cyber security environment, the Third Edition of this trusted text features new computer security resources, coverage of emerging vulnerabilities and innovative methods to protect networks, a new discussion of mobile security, and information on current federal and state computer crime laws, including penalties for illegal computer hacking.

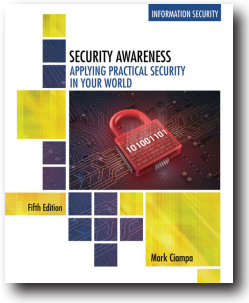
SECURITY AWARENESS, 5E

Applying Practical Security in Your World

Mark Ciampa, Western Kentucky University

© 2017, 256pp, Paperback, 9781305500372

MindTap eBook



Designed to provide you with the knowledge needed to protect computers and networks from increasingly sophisticated attacks, SECURITY AWARENESS: APPLYING PRACTICE SECURITY IN YOUR WORLD, Fifth Edition continues to present the same straightforward, practical information that has made previous editions so popular. For most computer users, practical computer security poses some daunting challenges: What type of attacks will antivirus software prevent? How do I set up a firewall? How can I test my computer to be sure that attackers cannot reach it through the Internet? When and how should I install Windows patches? This text is designed to help you understand the answers to these questions through a series of real-life user experiences. In addition, hands-on projects and case projects give you the opportunity to test your knowledge and apply what you have learned. SECURITY AWARENESS: APPLYING PRACTICE SECURITY IN YOUR WORLD, Fifth Edition contains up-to-date information on relevant topics such as protecting mobile devices and wireless local area networks.

OFFICE SUITES

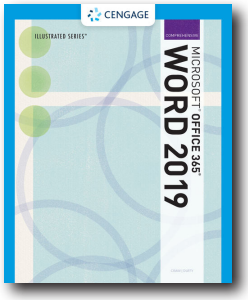
OFFICE SUITES & APPLICATIONS

ILLUSTRATED MICROSOFT® OFFICE 365® & WORD 2019 COMPREHENSIVE

Jennifer Duffy, NA; Carol M. Cram, Capilano College

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MindTap *eBook*



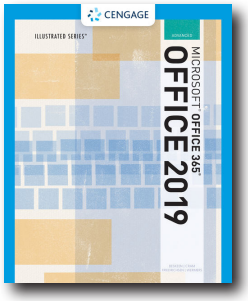
Now students can master the nuances of Microsoft® Office quickly with ILLUSTRATED MICROSOFT® OFFICE 365 & WORD 2019 COMPREHENSIVE, part of today's popular Illustrated Series. This focused, user-friendly approach uses a proven two-page layout that allows students to work through an entire task without turning the page. Clear Learning Outcomes outline the skills for each lesson, while large full-color screen images reflect exactly what students see on their own computers. Each module begins with a brief overview of the principles covered in the lesson and introduces a real-world case scenario to engage students and reinforce critical skills to make them successful in their educational and professional careers. In addition, MindTap and updated SAM (Skills Assessment Manager) online resources are available to guide additional study and ensure successful results.

ILLUSTRATED MICROSOFT®OFFICE 365 & OFFICE 2019 ADVANCED

David Beskeen, NA; Carol M. Cram, Capilano College; Jennifer Duffy, NA; Lisa Friedrichsen, Johnson County Community College

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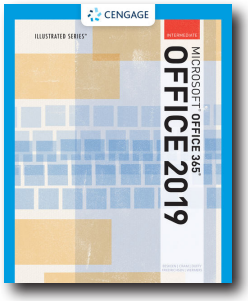
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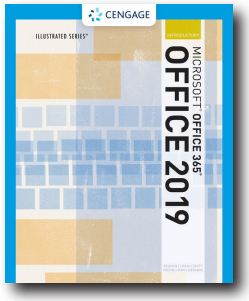
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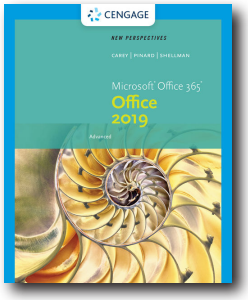
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NEW PERSPECTIVES MICROSOFT® OFFICE 365 & OFFICE 2019 ADVANCED

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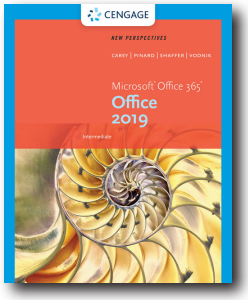
Develop the Microsoft® Office 365 and Office 2019 skills students need to be successful in college and beyond with the emphasis on critical-thinking, problem-solving, and in-depth coverage found in NEW PERSPECTIVES MICROSOFT OFFICE 365 & OFFICE 2019 ADVANCED. Updated with all-new case scenarios, this edition clearly applies the skills students are learning to real-world situations to make concepts even more relevant across the applications and reinforces critical skills to make them successful in their educational and professional careers. NEW PERSPECTIVES MICROSOFT OFFICE 365 & OFFICE 2019 ADVANCED demonstrates the importance of what students are learning while strengthening your skills and helping students transfer those skills to other applications and disciplines for further success. In addition, MindTap and updated SAM (Skills Assessment Manager) online resources are available to guide additional study and ensure successful results.

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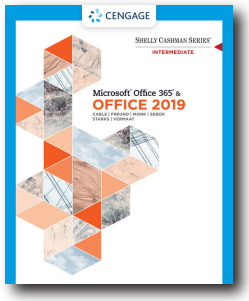
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SHELLY CASHMAN SERIES MICROSOFT®OFFICE 365 & OFFICE 2019 INTERMEDIATE

Sandra Cable, NA; Steven M. Freund, University of Central Florida; Ellen Monk, University of Delaware; Susan L. Sebok, NA

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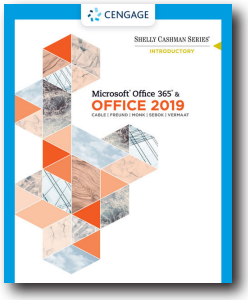
Introduce your students to the important new features that the latest version of Microsoft® Office has to offer with the focused approach found in Cable/Freund/Monk/Sebok/Starks/Vermaat's MICROSOFT® Office 365® & OFFICE 2019: INTERMEDIATE. Part of the acclaimed Shelly Cashman Series®, this edition continues the series' strong history of innovation with an enhanced learning approach designed to engage students, improve retention and prepare learners for success with Microsoft® Office. A trademark step-by-step, screen-by-screen approach encourages students to expand their understanding of the software through experimentation, critical thought and personalization while also engaging them in real-world scenarios to reinforce critical skills to make them successful in their educational and professional careers. In addition, MindTap and updated SAM (Skills Assessment Manager) online resources are available to guide additional study and ensure successful results.

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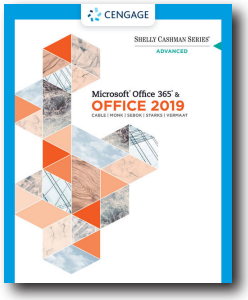
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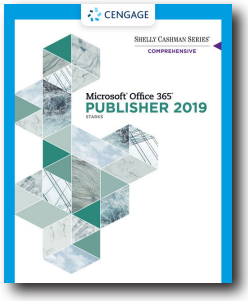
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SHELLY CASHMAN SERIES® MICROSOFT® OFFICE 365® & PUBLISHER 2019® COMPREHENSIVE

Joy L. Starks, Indiana University, Purdue University at Indianapolis; Misty E. Vermaat, Purdue University Calumet

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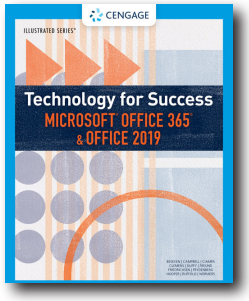


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TECHNOLOGY FOR SUCCESS AND ILLUSTRATED SERIES™ MICROSOFT® OFFICE 365® & OFFICE 2019

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Whether you're a computer "rookie" looking for a user-friendly presentation or a computer "hotshot" who wants to advance through lessons quickly, you can effectively master Microsoft® Office 2019 and today's computer concepts with TECHNOLOGY FOR SUCCESS AND ILLUSTRATED SERIES MICROSOFT® OFFICE 365 and OFFICE 2019. Using the popular Illustrated Series' proven approach, this edition breaks topics into manageable lessons that place concepts into context for success in your academic, professional and personal lives. An easy-to-follow presentation of Microsoft® Office 2019 provides an overview of essential skills and introduces a case study for further application. The proven two-page layout guides you with large, full-color screen images that reflect exactly what you should see on your own computer. MindTap and SAM help you further focus your study for results now and success later on the job.

OPERATING SYSTEMS

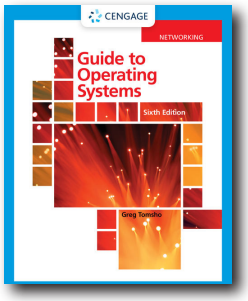
CONCEPTS

GUIDE TO OPERATING SYSTEMS, 6E

Greg Tomsho, Yavapai College

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Master the fundamental concepts of computer operating systems with Tomsho's GUIDE TO OPERATING SYSTEMS, 6th Edition. An excellent resource for training across different operating systems, this practical text equips you with key theory and technical information as you work with today's most popular operating systems, including Windows, macOS and Linux platforms. You will learn how general operating systems are organized and function as well as gain hands-on experience with OS installation, upgrading and configuration. Processors, file systems, networking, virtualization, security, device management, storage, OS maintenance and troubleshooting are covered in detail. In addition, the MindTap digital learning solution gives you a wealth of anywhere, anytime learning resources.

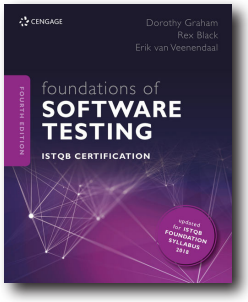
FOUNDATIONS OF SOFTWARE TESTING, 4E

ISTQB Certification

Rex Black; Rex Black; Dorothy Graham

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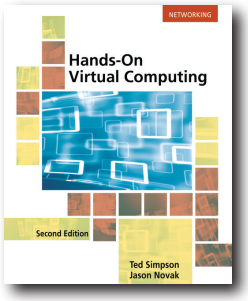
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HANDS ON VIRTUAL COMPUTING, 2E

Ted Simpson, University of Wisconsin Colleges – Barron County Center; Jason Novak, Wisconsin Indianhead Technical College

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Prepare for today's dramatically changing IT world with the insights and timely instruction in HANDS-ON VIRTUAL COMPUTING, 2E. This unique book combines current theory and emerging concepts with practical hands-on activities and projects to help you master virtualization and learn to apply those skills in real world scenarios. You gain experience working with the latest virtualization technology and learn the differences between the two major leaders in virtualization products -- VMware and Microsoft. Specific chapters address Oracle VirtualBox, VMware Workstation, Microsoft Hyper-V, VMware vSphere, and virtualization in software-defined data centers. You develop the solid understanding of virtualization concepts and products that you need to advance within your IT career.

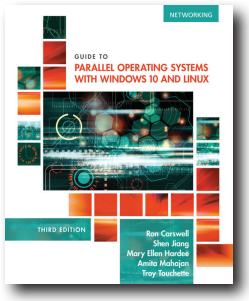
LINUX

GUIDE TO PARALLEL OPERATING SYSTEMS WITH WINDOWS® 10 AND LINUX, 3E

Ron Carswell, San Antonio College, San Antonio, Texas, Professor Emeritus; Shen Jiang, San Antonio College, Assistant Professor; Mary Ellen Hardee, San Antonio College, Adjunct Professor; Amita Mahajan, San Antonio College, Adjunct Professor

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Examine two of the most prominent operating systems -- Windows 10 and Linux CentOS7 -- in parallel with the unique approach found only in GUIDE TO PARALLEL OPERATING SYSTEMS WITH WINDOWS 10 AND LINUX, 3E. Rather than using a compare and contrast model, the book presents each topic conceptually before demonstrating it simultaneously on both operating systems. You are able to switch instantly between Windows 10 and Linux CentOS 7 to complete the myriad of hands-on activities that reinforce the similarities between the two operating systems for each conceptual task. The text's virtualization approach provides flexibility that enables you to use Microsoft® Hyper-V Client, Oracle® VirtualBox, or VMWare Workstation. This comprehensive guide helps you develop the competencies you need in Windows 10 and Linux to maximize success in today's classroom as well as in tomorrow's business environment.

MICROSOFT WINDOWS

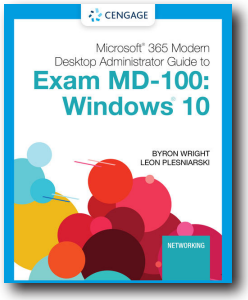
MICROSOFT 365 MODERN DESKTOP ADMINISTRATOR GUIDE TO EXAM MD-100

Windows 10

Byron Wright; Leon Plesniarski

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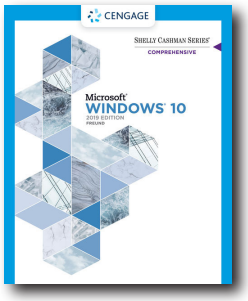
Wright/Plesniarski's MICROSOFT® SPECIALIST GUIDE TO MICROSOFT EXAM MD-100: WINDOWS 10 ensures you are well prepared for the Microsoft® exam as well as a successful career in system administration. Completely up to date, this student-friendly guide walks you step by step through all aspects of installing, configuring and maintaining Windows 10 as a client operating system. Engaging exercises throughout enable you to experience the processes involved in Windows 10 configuration and management -- with plenty of troubleshooting tips that offer solutions to common problems. Review Questions help you prepare for the Microsoft® certification exam, while Case Projects provide practice in situations that must be managed in a live networking environment. Giving you added flexibility, labs can be completed on physical or virtual machines. Also available: MindTap digital learning solution.

SHELLY CASHMAN SERIES® MICROSOFT® / WINDOWS® 10 COMPREHENSIVE 2019

Steven M. Freund, University of Central Florida

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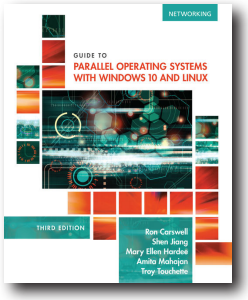
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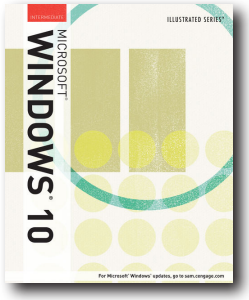
ILLUSTRATED MICROSOFT®WINDOWS 10

Intermediate

Barbara Clemens

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No matter what your level of experience, ILLUSTRATED MICROSOFT® WINDOWS® 10: INTERMEDIATE equips you with the skills to master Microsoft® Windows® 10. This book's practical, user-friendly format allows you to work through one entire lesson without turning a page. The streamlined text gets you up and running right away as you work with the latest features of Windows® 10. You learn to utilize the new user interface, work with the Charms bar, start an app, work with multiple windows, managing files, and more.

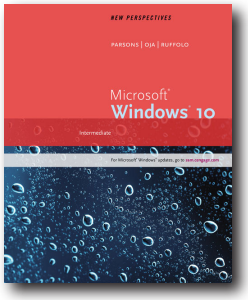
NEW PERSPECTIVES MICROSOFT® WINDOWS® 10

Intermediate

Lisa Ruffolo

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Discover a unique, critical-thinking approach to mastering Microsoft® Windows 10 concepts and skills with NEW PERSPECTIVES MICROSOFT® WINDOWS 10 INTERMEDIATE. Using in-depth coverage, this book highlights the most important new features in the Windows 10 Operating System, including Cortana, the new Edge browser, and new search functions. As part of the acclaimed New Perspectives Series, this intermediate edition offers proven learning features to help you retain and apply information, no matter what your learning style. A dynamic Visual Overview at the beginning of each module graphically overviews the content and serves as a study guide for later use. ProSkills Boxes provide information about professional skills that relate to the module's content. Troubleshoot Exercises let you apply your skills in a critical-thinking setting.

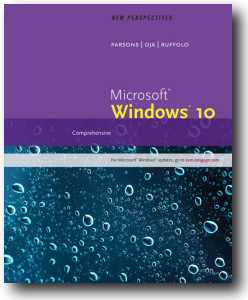
NEW PERSPECTIVES MICROSOFT®WINDOWS 10

Comprehensive

Lisa Ruffolo

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Discover a unique, critical-thinking approach to mastering Windows® 10 concepts and skills with NEW PERSPECTIVES MICROSOFT® WINDOWS® 10: COMPREHENSIVE. In addition to in-depth coverage of essential topics, this book highlights some of the coolest new features in the Windows® 10 Operating System, including Cortana, the new Edge browser, and new search functions. As part of the acclaimed New Perspectives Series, this complete edition offers proven learning features to help you absorb key information, no matter what your learning style. A dynamic Visual Overview at the beginning of each module gives you a graphic preview of content and serves as a study guide for later use. ProSkills Boxes provide you with information about professional skills that relate to the module's content. Troubleshoot Exercises let you apply your skills in a critical-thinking setting. Trust NEW PERSPECTIVES MICROSOFT® WINDOWS® 10: COMPREHENSIVE for all of the MS Windows® skills you need.

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PC REPAIR/A+

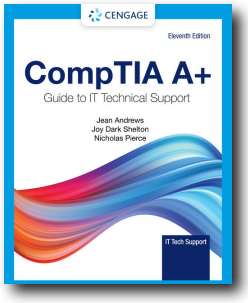
NEW EDITION

COMPTIA A+ GUIDE TO IT TECHNICAL SUPPORT, 11E

Jean Andrews; Joy Dark; Jill West, Georgia Northwestern Technical College

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MindTap



Using a step-by-step, highly visual approach, Andrews/Dark Shelton/Pierce's bestselling COMPTIA A+ GUIDE TO IT TECHNICAL SUPPORT, 11th edition, teaches you how to work with users as well as install, maintain, troubleshoot and network computer hardware and software. Ensuring you are well prepared for 220-1101 and 220-1102 certification exams, each module covers core and advanced topics while emphasizing practical application of the most current technology, techniques and industry standards. You will study the latest hardware, security, Active Directory, operational procedures, basics of scripting, virtualization, cloud computing, mobile devices, Windows 10, macOS and Linux. Digital lab manuals, live virtual machine labs, simulations, auto-graded quizzes and interactive activities provide additional preparation for the certification exam -- and your role as an IT support technician or administrator.

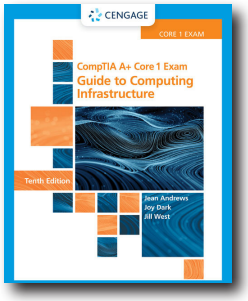
COMPTIA A+ CORE 1 EXAM, 10E

Guide to Computing Infrastructure

Jean Andrews; Joy Dark; Jill West, Georgia Northwestern Technical College

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MindTap *eBook*



Master the details of IT technical support as best-selling authors Andrews, West and Dark explain how to work effectively with users as well as how to install, maintain and troubleshoot computer hardware and networks in the leading COMPTIA A+ CORE 1 EXAM: GUIDE TO COMPUTING INFRASTRUCTURE, 10E. This step-by-step, highly visual approach uses CompTIA A+ Exam objectives as a framework to prepare you for the 220-1001 certification exam. Each chapter covers core and advanced topics while emphasizing practical applications of the most current technology, techniques and industry standards in IT today. You learn by doing with this edition's expanded coverage of the latest hardware, security, mobile device support, cloud computing and virtualization. Lab Manuals, CourseNotes, online labs and optional MindTap online resources provide additional certification test prep and interactive activities to prepare you for a role as a professional IT support technician

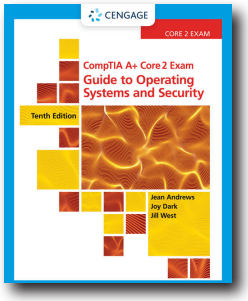
COMPTIA A+ CORE 2 EXAM, 10E

Guide to Operating Systems and Security

Jean Andrews; Joy Dark; Jill West, Georgia Northwestern Technical College

© 2020, 688pp, Hardback, 9780357108505

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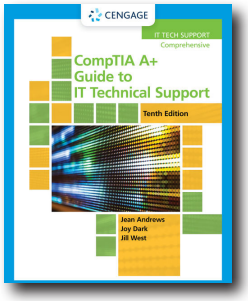
Introduce IT technical support as best-selling authors and educators Andrews, West and Dark explain how to work with users as well as install, maintain, secure and troubleshoot software in COMPTIA A+ CORE 2 EXAM: GUIDE TO OPERATING SYSTEMS AND SECURITY, 10E. This step-by-step, highly visual approach uses CompTIA A+ Exam objectives as a framework to prepare students for the 220-1002 certification exam. Extensive updates reflect the most current technology, techniques and industry standards in IT support. Each chapter covers core and advanced topics with an emphasis on practical application and learning by doing. Additional coverage explores the latest developments in security, Active Directory, operational procedures, the basics of scripting, mobile operating systems, virtualization, remote support and Windows 10. In addition, Lab Manuals, CourseNotes, online labs and optional MindTap online resources provide certification test prep and interactive activities to prepare future IT support technicians.

COMPTIA A+ GUIDE TO IT TECHNICAL SUPPORT, 10E

Jean Andrews; Joy Dark; Jill West, Georgia Northwestern Technical College

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MindTap *eBook*



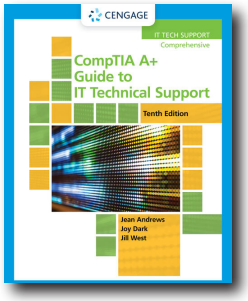
Master the details of IT technical support as Andrews/Dark/West's comprehensive COMPTIA A+ GUIDE TO IT TECHNICAL SUPPORT, 10E explains how to work with users as well as install, maintain, troubleshoot and network computer hardware and software. This step-by-step, highly visual, best-selling approach uses CompTIA A+ Exam objectives as a framework to prepare you for 220-1001 and 220-1002 certification exams. Each chapter covers core and advanced topics while emphasizing practical application of the most current technology, techniques and industry standards. You study the latest hardware, security, Active Directory, operational procedures, basics of scripting, virtualization, cloud computing, mobile devices and Windows 10. Lab Manuals, CourseNotes, online labs and optional MindTap online resources provide additional certification test preparation and interactive activities to prepare you for a role as an IT support technician or administrator.

Cengage

LAB MANUAL FOR COMPTIA A+ GUIDE TO IT TECHNICAL SUPPORT, 10E

Jean Andrews; Joy Dark; Jill West, Georgia Northwestern Technical College

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The Laboratory Manual is a valuable tool designed to enhance your lab experience. Lab activities, objectives, materials lists, step-by-step procedures, illustrations, and review questions are commonly found in a Lab Manual.

PRESENTATION TOOLS

MICROSOFT POWERPOINT

ILLUSTRATED MICROSOFT®OFFICE 365 & POWERPOINT® 2019 COMPREHENSIVE

David Beskeen, NA

© 2020, 248pp, Paperback, 9780357025710

MindTap eBook



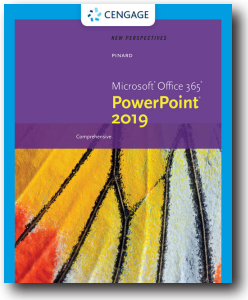
Now students can master the nuances of Microsoft® Office quickly with ILLUSTRATED MICROSOFT® OFFICE 365 & POWERPOINT 2019 COMPREHENSIVE, part of today's popular Illustrated Series. This focused, user-friendly approach uses a proven two-page layout that allows students to work through an entire task without turning the page. Clear Learning Outcomes outline the skills for each lesson, while large full-color screen images reflect exactly what students see on their own computers. Each module begins with a brief overview of the principles covered in the lesson and introduces a real-world case scenario to engage students and reinforce critical skills to make them successful in their educational and professional careers. In addition, MindTap and updated SAM (Skills Assessment Manager) online resources are available to guide additional study and ensure successful results.

NEW PERSPECTIVES MICROSOFT®OFFICE 365 & POWERPOINT® 2019 COMPREHENSIVE

Katherine T. Pinard

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MindTap *eBook*



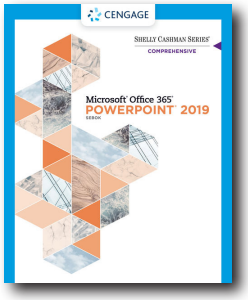
Develop the Microsoft® Office 365 and PowerPoint 2019 skills students need to be successful in college and beyond with the emphasis on critical-thinking, problem-solving, and in-depth coverage found in NEW PERSPECTIVES MICROSOFT OFFICE 365 & POWERPOINT 2019: COMPREHENSIVE. Updated with all-new case scenarios, this edition clearly applies the skills students are learning to real-world situations to make concepts even more relevant across the applications and reinforces critical skills to make them successful in their educational and professional careers. In addition, MindTap and updated SAM (Skills Assessment Manager) online resources are available to guide additional study and ensure successful results.

SHELLY CASHMAN SERIES® MICROSOFT® OFFICE 365® & POWERPOINT® 2019 COMPREHENSIVE

Susan L. Sebok, NA

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Introduce your students to the important new features that the latest version of Microsoft® PowerPoint has to offer with the focused approach found in Microsoft® Office 365® & PowerPoint® 2019 Comprehensive. Part of the acclaimed Shelly Cashman Series®, this edition continues the series' strong history of innovation with an enhanced learning approach designed to engage students, improve retention and prepare learners for success with Microsoft® PowerPoint®. A trademark step-by-step, screen-by-screen approach encourages students to expand their understanding of the software through experimentation, critical thought and personalization while also engaging them in real-world scenarios to reinforce critical skills to make them successful in their educational and professional careers. In addition, MindTap and updated SAM (Skills Assessment Manager) online resources are available to guide additional study and ensure successful results.

Cengage

PROGRAMMING

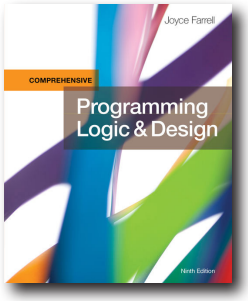
CONCEPTS

PROGRAMMING LOGIC & DESIGN, COMPREHENSIVE, 9E

Joyce Farrell

© 2018, 656pp, Paperback, 9781337102070

MindTap *eBook*



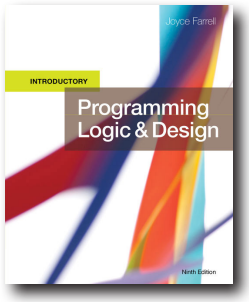
Prepare for programming success as you learn the fundamental principles of developing structured program logic with Farrell's fully revised PROGRAMMING LOGIC AND DESIGN, COMPREHENSIVE, 9E. Ideal for mastering foundational programming, this popular book takes a unique, language-independent approach to programming with a distinctive emphasis on modern conventions. Noted for its clear writing style and complete coverage, the book eliminates highly technical jargon while introducing you to universal programming concepts and encouraging a strong programming style and logical thinking. Frequent side notes and Quick Reference boxes provide concise explanations of important programming concepts. Each chapter also contains learning objectives, a concise summary, and a helpful list of key terms. End-of-chapter material ensures your comprehension with multiple-choice review, programming and debugging exercises, and a maintenance exercise that encourages you to improve working logic.

PROGRAMMING LOGIC AND DESIGN, INTRODUCTORY, 9E

Joyce Farrell

© 2018, 384pp, Paperback, 9781337109635

MindTap *eBook*



Prepare for programming success by learning the fundamental principles of developing structured program logic with Farrell's PROGRAMMING LOGIC AND DESIGN: INTRODUCTORY, 9E. Widely used in foundational programming courses, this popular book takes a unique, language-independent approach to programming with a distinctive emphasis on modern conventions. Noted for its clear, concise writing style, the book eliminates highly technical jargon while introducing universal programming concepts and encouraging a strong programming style and logical thinking. Frequent side notes and Quick Reference boxes provide concise explanations of important programming concepts. Each chapter also begins with a list of objectives and provides a concise summary and a list of key terms. End-of-chapter practice offers multiple-choice review questions, programming and gaming exercises, debugging exercises, and a maintenance exercise that challenges you to improve the working logic presented.

MICROSOFT VISUAL BASIC

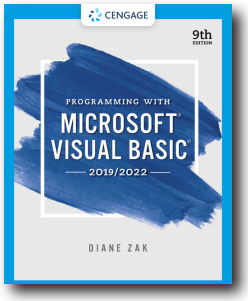
NEW EDITION

PROGRAMMING WITH MICROSOFT VISUAL BASIC 2019/2022, 9E

Diane Zak, N/A

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With PROGRAMMING WITH MICROSOFT VISUAL BASIC 2019/2022 by bestselling technology author Diane Zak, even readers with no prior programming experience can quickly learn how to effectively plan and create interactive Visual Basic 2019/2022 applications. A dynamic visual presentation, timely examples, step-by-step tutorials and practical exercises addressing a variety of learning styles make this the ideal introduction to programming. Through hands-on applications in a real-world setting, you will master the fundamentals of effective programming while working through Visual Basic 2019/2022's latest features. In addition to planning and creating your own Windows applications, you will learn about graphical user interface design skills, object-oriented programming concepts and planning tools such as Planning Charts, pseudocode and flowcharts. Also available: MindTap online learning platform.

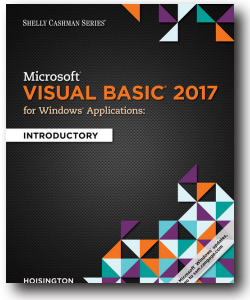
MICROSOFT VISUAL BASIC 2017 FOR WINDOWS APPLICATIONS

Introductory

Corinne Hoisington, N/A

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Prepare for the number one job in today's tech sector -- app development –- as you learn the essentials of Microsoft® Visual Basic. The step-by-step, visual approach and professional programming opportunities in MICROSOFT® VISUAL BASIC® 2017 FOR WINDOWS® APPLICATIONS: INTRODUCTORY lay the initial groundwork for a successful degree in IT programming. You gain a fundamental understanding of Windows® programming for 2017. This edition's innovative approach blends visual demonstrations of professional-quality programs with in-depth discussions of today's most effective programming concepts and techniques. You practice what you've learned with numerous real programming assignments in each chapter that equip you to program independently at your best.

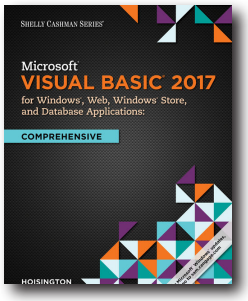
Cengage

MICROSOFT VISUAL BASIC 2017 FOR WINDOWS, WEB, AND DATABASE APPLICATIONS: COMPREHENSIVE

Corinne Hoisington, N/A

© 2018, 752pp, Paperback, 9781337102117

MindTap eBook



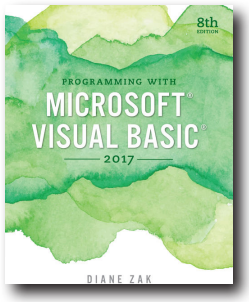
Prepare for the number one job in today's tech sector -- app development –- as you learn the essentials of Microsoft® Visual Basic. The step-by-step, visual approach and professional programming opportunities in MICROSOFT® VISUAL BASIC® 2017 FOR WINDOWS® APPLICATIONS: INTRODUCTORY lay the initial groundwork for a successful degree in IT programming. You gain a fundamental understanding of Windows® programming for 2017. This edition's innovative approach blends visual demonstrations of professional-quality programs with in-depth discussions of today's most effective programming concepts and techniques. You practice what you've learned with numerous real programming assignments in each chapter that equip you to program independently at your best.

PROGRAMMING WITH MICROSOFT VISUAL BASIC 2017, 8E

Diane Zak, N/A

© 2018, 912pp, Paperback, 9781337102124

MindTap eBook



Learn to master the fundamentals of effective programming as you work through Visual Basic 2017's latest features with the wealth of hands-on applications in this book's engaging real-world setting. PROGRAMMING WITH MICROSOFT® VISUAL BASIC® 2017, 8E by best-selling technology author Diane Zak offers you an ideal introduction to programming with a dynamic visual presentation, step-by-step tutorials, and strategically placed activity boxes. New hands-on applications, timely examples, and practical exercises address a variety of learning preferences. Even if you have no prior programming experience, you will learn how to effectively plan and create interactive Visual Basic 2017 applications. To ensure your success, this edition is available with MindTap, the digital learning solution that powers students from memorization to mastery. It gives you complete control of your course—to provide engaging content, to challenge every individual, and to build their programming confidence. Empower students to accelerate their progress with MindTap with an interactive eBook, auto-graded quizzing, study tools, and helpful videos created and narrated by the author.

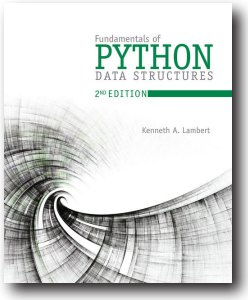
OPEN SOURCE

FUNDAMENTALS OF PYTHON, 2E
Data Structures

Kenneth Lambert, Washington and Lee University

© 2019, 448pp, Paperback, 9780357122754

MindTap *eBook*



Whether you are a computer programming student, hobbyist or professional, Lambert's FUNDAMENTALS OF PYTHON™: DATA STRUCTURES, 2E offers the perfect introduction to object-oriented design and data structures using the popular Python™ programming language. The level of instruction is ideal if you've had at least one semester of programming experience in an object-oriented language, such as Java™, C++ or Python™. Step-by-step explanations and focused exercises clearly explain the design of collection classes with polymorphism and inheritance and multiple implementations of collection interfaces. This edition also addresses the analysis of the space/time tradeoffs of different collection implementations and, specifically, array-based implementations and link-based implementations. You learn to work with collections, including sets, lists, stacks, queues, trees, dictionaries and graphs. Prepare for success with FUNDAMENTALS OF PYTHON™: DATA STRUCTURES, 2E.

PROGRAMMING LANGUAGES

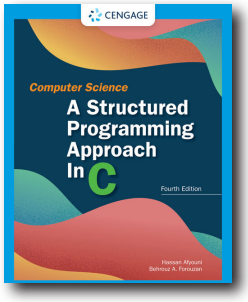
NEW EDITION

COMPUTER SCIENCE: A STRUCTURED PROGRAMMING APPROACH IN C, 4E
A Structured Programming Approach in C

Cengage Learning

© 2023, 1184pp, Paperback, 9780357506134

eBook



Ideal for a first course in the C programming language, Afyouni/Forouzan's COMPUTER SCIENCE: A STRUCTURED PROGRAMMING APPROACH IN C, 4th edition, introduces you to both computer science theory and C-language syntax using a principle-before-implementation approach. Combining a clear organizational structure with easy-to-follow figures, charts and tables, the text helps you sharpen your logic, problem-solving skills and understanding of fundamental CS concepts and software engineering through hands-on programming assignments and applications. In addition, two all-new chapters are devoted to Pointers and Recursion.

Cengage

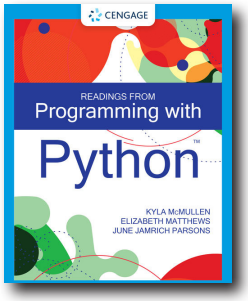
NEW

READINGS FROM PROGRAMMING WITH PYTHON

Cengage Learning; Elizabeth Matthews, Washington and Lee University; June Jamrich Parsons, MediaTechnics Corporation

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MindTap *eBook*



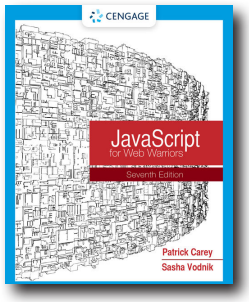
Ideal for anyone who has never programmed, McMullen/Matthews/Parsons' READINGS FROM PROGRAMMING WITH PYTHON uses a beginner's approach that combines conceptual content with rich examples and hands-on learning activities. Straightforward and student friendly, it emphasizes fundamental computer concepts from a Python programming perspective using a clear presentation with little technical jargon. Modules introduce important computer science concepts, procedural programming and object-oriented programming in short segments, while real-world examples, streamlined code and descriptive figures help you better understand today's computing concepts. As you strengthen your computer science knowledge, you will also sharpen critical-thinking and problem-solving skills -- and build confidence.

JAVASCRIPT FOR WEB WARRIORS, 7E

Cengage Learning; Sasha Vodnik

© 2022, 736pp, Paperback, 9780357638002

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Learn to use JavaScript, the popular scripting language that allows web page authors to develop interactive web pages and sites. Carey/Vodnik's JAVASCRIPT FOR WEB WARRIORS, Seventh Edition introduces a variety of techniques that focus on what you need to know to begin using JavaScript right away. Step-by-step tasks within each chapter highlight particular techniques essential for building actual JavaScript programs. Guided activities reinforce skills and build in complexity as you progress. You also study debugging techniques. Using accompanying MindTap digital resources, you read and immediately practice with embedded JavaScript coding exercises in an authentic integrated development environment (IDE). Learning objectives, summaries, review and key terms highlight major concepts while reinforcement exercises let you further practice new techniques. After completing your course, you will able to use JavaScript to build professional quality web applications.

NEW EDITION

JAVA PROGRAMMING, 10E

Joyce Farrell

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MindTap ***eBook***



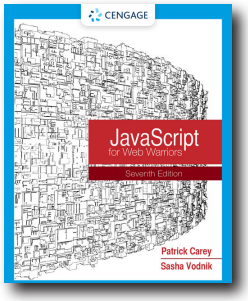
Discover the power of Java for developing applications today with the engaging, hands-on approach in Farrell's JAVA PROGRAMMING, 10th edition. Even if you're a first-time programmer, JAVA PROGRAMMING can show you step-by-step how to quickly start developing useful programs, all while mastering the basic principles of structured and object-oriented programming. Up-to-date, reader-friendly explanations and meaningful programming and collaboration exercises emphasize business applications, while useful debugging exercises and contemporary case problems further expand your understanding. Offering anywhere, anytime learning, MindTap equips you with an additional online learning platform, interactive learning tools and auto-graded coding labs for practicing and expanding your skills.

JAVASCRIPT FOR WEB WARRIORS, 7E

Cengage Learning; Sasha Vodnik

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MindTap



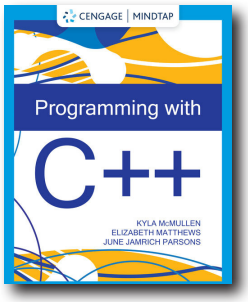
Learn to use JavaScript, the popular scripting language that allows web page authors to develop interactive web pages and sites. Carey/Vodnik's JAVASCRIPT FOR WEB WARRIORS, Seventh Edition introduces a variety of techniques that focus on what you need to know to begin using JavaScript right away. Step-by-step tasks within each chapter highlight particular techniques essential for building actual JavaScript programs. Guided activities reinforce skills and build in complexity as you progress. You also study debugging techniques. Using accompanying MindTap digital resources, you read and immediately practice with embedded JavaScript coding exercises in an authentic integrated development environment (IDE). Learning objectives, summaries, review and key terms highlight major concepts while reinforcement exercises let you further practice new techniques. After completing your course, you will able to use JavaScript to build professional quality web applications.

READINGS FROM PROGRAMMING WITH C++

June Jamrich Parsons, MediaTechnics Corporation; Elizabeth Matthews, Washington and Lee University; Elizabeth Matthews, Washington and Lee University

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MindTap



Using a beginner's approach that's ideal for anyone who has never programmed, McMullen/Matthews/Parsons' READINGS FROM PROGRAMMING WITH C++ helps you develop a useful understanding of computer science while equipping you with the skills to use C++ programming language. This interesting, straightforward approach to programming emphasizes fundamental computer concepts using a programming language-independent approach and clear presentation with little technical jargon. Modules introduce important computer science concepts, procedural programming and object-oriented programming in short segments. Relevant real-world examples, streamlined code and descriptive figures help you better understanding today's computing concepts. You can tackle the learning modules in any order, interspersing conceptual modules with hands-on programming modules. You even refine critical-thinking and problem-solving skills as you strengthen computer science skills and build your confidence.

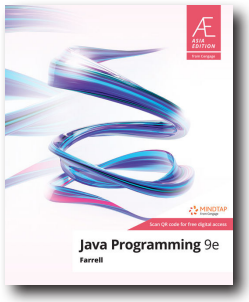
AE JAVA PROGRAMMING, 9E

Joyce Farrell

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AsiaTitle



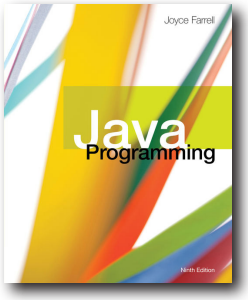
Introduce your beginning programmers to the power of Java™ for developing applications with the engaging, hands-on approach in Farrell's JAVA PROGRAMMING, 9E. With this dynamic text, even first-time programmers can quickly develop useful programs while mastering the basic principles of structured and object-oriented programming. This edition presents reader-friendly explanations and meaningful programming exercises that highlight today's business applications, game creation, debugging exercises, and case problems. You'll find additional resources to equip new Java programmers with digital tools within MindTap, including interactive teaching and learning tools and coding IDE (Integrated Development Environment) labs.

JAVA PROGRAMMING, 9E

Joyce Farrell

© 2019, 1024pp, Paperback, 9781337397070

MindTap *eBook*



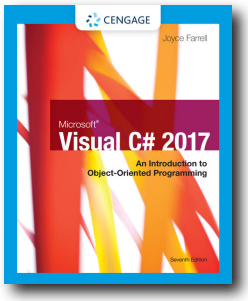
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MICROSOFT VISUAL C#: AN INTRODUCTION TO OBJECT-ORIENTED PROGRAMMING, 7E

Joyce Farrell

© 2018, 784pp, Paperback, 9781337102100

MindTap *eBook*



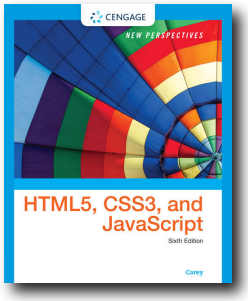
Develop the strong programming skills you need for professional success with Farrell's MICROSOFT® VISUAL C# 2017: AN INTRODUCTION TO OBJECT-ORIENTED PROGRAMMING, 7E. Approachable examples and a clear, straightforward style help you build a solid understanding of both structured and object-oriented programming concepts. You master critical principles and techniques that easily transfer to other programming languages. This new edition incorporates the most recent versions of both C# and Visual Studio 2017 to ensure you have the contemporary skills required in business today. Short "You Do It" hands-on features; video lessons for each chapter; and a variety of new debugging exercises, programming exercises, and running case studies help prepare you for success in today's programming environment. New MindTap online resource offers coding labs and additional assessment, in addition to a full eReader. Discover the tools and expertise you need for programming success.

NEW PERSPECTIVES ON HTML5, CSS3, AND JAVASCRIPT, 6E

Patrick M. Carey, University of Wisconsin

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MindTap eBook



Discover the thorough instruction you need to build dynamic, interactive Web sites from scratch with NEW PERSPECTIVES ON HTML5, CSS3, AND JAVASCRIPT, 6E. This user-friendly book provides comprehensive coverage of HTML, CSS, and JavaScript with an inviting approach that starts with the basics and does not require any prior knowledge on the subject. Detailed explanations of key concepts and skills make even the most challenging topics clear and accessible. Case scenarios and case problems place the most complex concepts within an understandable and practical context. You develop important problem solving skills as you work through realistic exercises. Proven applications and an interesting approach help you retain the material and apply what you've learned in a professional environment.

SOFT SKILLS

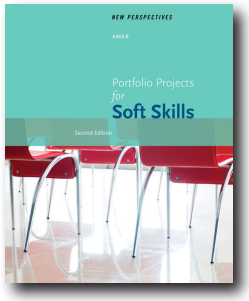
SOFT SKILLS

NEW PERSPECTIVES PORTFOLIO PROJECTS FOR SOFT SKILLS, 2E

Beverly Amer, Northern Arizona University

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eBook



NEW PERSPECTIVES PORTFOLIO PROJECTS FOR SOFT SKILLS, 2E helps your students develop the critical soft skills that they need to thrive in academic pursuits, land a dream job, and flourish in the workplace.

ILLUSTRATED COURSE GUIDES : PROBLEM SOLVING AND DECISION MAKING - SOFT SKILLS FOR A DIGITAL WORKPLACE, 3E

Problem Solving and Decision Making - Soft Skills for a Digital Workplace

Jeff Butterfield, Western Kentucky University

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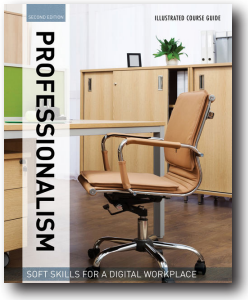
ILLUSTRATED COURSE GUIDES : PROFESSIONALISM - SOFT SKILLS FOR A DIGITAL WORKPLACE, 2E, 2E

Professionalism - Soft Skills for a Digital Workplace

Jeff Butterfield, Western Kentucky University

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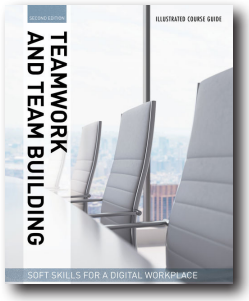
ILLUSTRATED COURSE GUIDES : TEAMWORK & TEAM BUILDING - SOFT SKILLS FOR A DIGITAL WORKPLACE, 2E, 2E

Teamwork & Team Building - Soft Skills for a Digital Workplace

Jeff Butterfield, Western Kentucky University

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Give your students the teamwork skills needed for success throughout their education and career with ILLUSTRATED COURSE GUIDES: TEAMWORK AND TEAM BUILDING - SOFT SKILLS FOR A DIGITAL WORKPLACE, 2E. Part of the acclaimed ILLUSTRATED SOFT SKILLS SERIES, this book makes it easy to teach students the essential team building and other soft skills necessary to succeed in today's competitive workplace. Each book addresses 40 critical skills, providing your students with extensive knowledge they can bring with them into the real world.

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Jeff Butterfield, Western Kentucky University

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ILLUSTRATED COURSE GUIDES : WRITTEN COMMUNICATION - SOFT SKILLS FOR A DIGITAL WORKPLACE, 3E

Written Communication - Soft Skills for a Digital Workplace

Jeff Butterfield, Western Kentucky University

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Give your students the professional communication skills needed for success throughout their education and careers with ILLUSTRATED COURSE GUIDES: WRITTEN COMMUNICATION - SOFT SKILLS FOR A DIGITAL WORKPLACE, 3E. Part of the acclaimed ILLUSTRATED SOFT SKILLS SERIES, this book, like all others in the series makes it easy to teach students the written communication and other essential soft skills necessary to succeed in today's competitive workplace. This text delves into the importance of effective and professional written communication -- from creating professional documentation to E-mail correspondence.

SPREADSHEETS

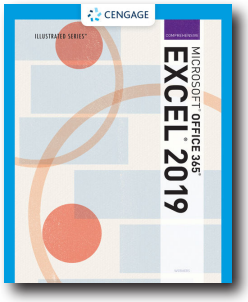
MICROSOFT EXCEL

ILLUSTRATED MICROSOFT® OFFICE 365® & EXCEL® 2019 COMPREHENSIVE

Lynn Wermers, NA

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Now students can master the nuances of Microsoft® Office quickly with ILLUSTRATED MICROSOFT® OFFICE 365 & EXCEL 2019 COMPREHENSIVE, part of today's popular Illustrated Series. This focused, user-friendly approach uses a proven two-page layout that allows students to work through an entire task without turning the page. Clear Learning Outcomes outline the skills for each lesson, while large full-color screen images reflect exactly what students see on their own computers. Each module begins with a brief overview of the principles covered in the lesson and introduces a real-world case scenario to engage students and reinforce critical skills to make them successful in their educational and professional careers. In addition, MindTap and updated SAM (Skills Assessment Manager) online resources are available to guide additional study and ensure successful results.

NEW PERSPECTIVES MICROSOFT® OFFICE 365® & EXCEL® 2019 COMPREHENSIVE

Patrick Carey, Westminster Kingsway College

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MindTap eBook



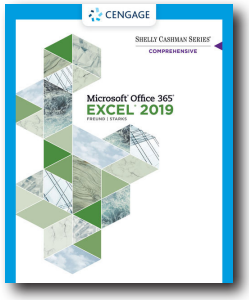
Develop the Microsoft® Office 365 and Excel 2019 skills students need to be successful in college and beyond with the emphasis on critical-thinking, problem-solving, and in-depth coverage found in NEW PERSPECTIVES MICROSOFT OFFICE 365 & EXCEL 2019 COMPREHENSIVE. Updated with all-new case scenarios, this edition clearly applies the skills students are learning to real-world situations to make concepts even more relevant across the applications and reinforces critical skills to make them successful in their educational and professional careers. NEW PERSPECTIVES MICROSOFT OFFICE 365 & EXCEL 2019 COMPREHENSIVE demonstrates the importance of what students are learning while strengthening your skills and helping students transfer those skills to other applications and disciplines for further success. In addition, MindTap and updated SAM (Skills Assessment Manager) online resources are available to guide additional study and ensure successful results.

SHELLY CASHMAN SERIES® MICROSOFT® OFFICE 365® & EXCEL® 2019 COMPREHENSIVE

Steven M. Freund, University of Central Florida; Joy L. Starks, Indiana University, Purdue University at Indianapolis

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Introduce your students to the latest advancements that Microsoft® Office and Excel® have to offer with MICROSOFT® OFFICE 365 & EXCEL 2019 -- new to the acclaimed Shelly Cashman Series®. MICROSOFT® OFFICE 365 & EXCEL 2019 continues the series' strong history of innovation with a hallmark learning approach enhanced to address the varied learning styles of today's students. A trademark step-by-step, screen-by-screen approach encourages students to expand their understanding of the software through experimentation, critical thought, and personalization. This new edition and accompanying resources are designed to engage readers and improve retention while also engaging them in real-world scenarios to reinforce critical skills to make them successful in their educational and professional careers. In addition, MindTap and updated SAM (Skills Assessment Manager) online resources are available to guide additional study and ensure successful results.

WEB DESIGN & DEVELOPMENT

INTERACTIVE MEDIA DESIGN

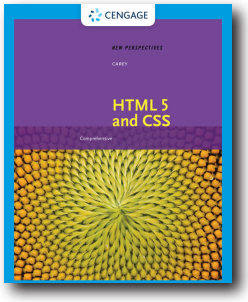
NEW PERSPECTIVES ON HTML 5 AND CSS: COMPREHENSIVE, 8E

Comprehensive

Patrick M. Carey, University of Wisconsin

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MindTap eBook



Develop the skills you need to compete successfully in today's high-tech workforce with Carey's NEW PERSPECTIVES ON HTML5 AND CSS3: COMPREHENSIVE, 8E and MindTap digital resources. You learn fundamental design concepts as you build websites based on real-world case scenarios. Specially designed activities help you strengthen your logic, design, troubleshooting and creativity. The projects you complete can even become part of your professional portfolio. You progress from hands-on labs focused on code snippets and debugging to completing assessments and a capstone project. Short Coding Challenges check your understanding of key concepts, while Debugging Challenges teach you how to fix syntax errors in an existing web page. In addition, MindTap's educational integrated development environment (IDE) provides immediate feedback with tutorials, based on realistic case problems, that help you refine problem-solving skills as you develop websites in a professional environment.

RESPONSIVE WEB DESIGN WITH HTML 5 & CSS, 9E

Jessica Minnick, Pasco-Hernando Community College

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MindTap eBook



Equipping you with the most up-to-date tools available, Minnick's RESPONSIVE WEB DESIGN WITH HTML 5 & CSS, 9th edition, teaches you step by step how to design professional quality websites that attract and retain customers. Packed with best practices and tips from the pros, the text gives you a solid foundation in HTML, CSS and responsive web design. It shows you how to create one website that automatically adapts to mobile, tablet, laptop and desktop devices as well as large monitors. You will learn how to code a webpage to make a phone call from a mobile device, embed a map, use custom fonts, create shortcut navigation menus, integrate social media to promote a business and more. In addition, you will use popular web framework Bootstrap to create a webpage. Also available: MindTap digital learning solution.

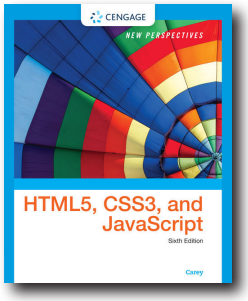
Cengage

NEW PERSPECTIVES ON HTML5, CSS3, AND JAVASCRIPT, 6E

Patrick M. Carey, University of Wisconsin

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Discover the thorough instruction you need to build dynamic, interactive Web sites from scratch with NEW PERSPECTIVES ON HTML5, CSS3, AND JAVASCRIPT, 6E. This user-friendly book provides comprehensive coverage of HTML, CSS, and JavaScript with an inviting approach that starts with the basics and does not require any prior knowledge on the subject. Detailed explanations of key concepts and skills make even the most challenging topics clear and accessible. Case scenarios and case problems place the most complex concepts within an understandable and practical context. You develop important problem solving skills as you work through realistic exercises. Proven applications and an interesting approach help you retain the material and apply what you've learned in a professional environment.

WORD PROCESSING

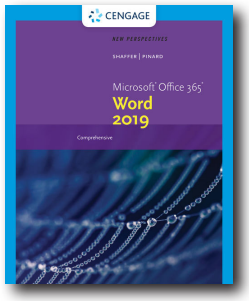
MICROSOFT WORD

NEW PERSPECTIVES MICROSOFT®OFFICE 365 & WORD® 2019 COMPREHENSIVE

Ann Shaffer; Katherine T. Pinard

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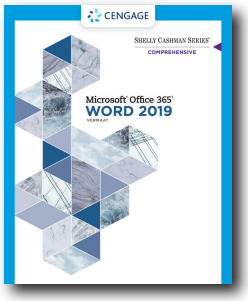
Develop the Microsoft® Office 365 and Word 2019 skills students need to be successful in college and beyond with the emphasis on critical-thinking, problem-solving, and in-depth coverage found in NEW PERSPECTIVES MICROSOFT OFFICE 365 & WORD 2019 COMPREHENSIVE. Updated with all-new case scenarios, this edition clearly applies the skills students are learning to real-world situations to make concepts even more relevant across the applications and reinforces critical skills to make them successful in their educational and professional careers. NEW PERSPECTIVES MICROSOFT OFFICE 365 & WORD 2019 COMPREHENSIVE demonstrates the importance of what students are learning while strengthening your skills and helping students transfer those skills to other applications and disciplines for further success. In addition, MindTap and updated SAM (Skills Assessment Manager) online resources are available to guide additional study and ensure successful results.

SHELLY CASHMAN SERIES® MICROSOFT® OFFICE 365® & WORD 2019 COMPREHENSIVE

Misty E. Vermaat, Purdue University Calumet

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