

Gigabyte Motherboard User Guide

Presents information on choosing and buying computer components along with recommendations on specific brands and models.

Organizations of all sizes are faced with the challenge of managing massive volumes of increasingly valuable data. However, storing this data can be costly, and extracting value from the data is becoming more and more difficult. IT organizations have limited resources, but must stay responsive to dynamic environments and act quickly to consolidate, simplify, and optimize their IT infrastructures. The IBM® Storwize® V3700 system provides a solution that is affordable, easy to use, and self-optimizing, which enables organizations to overcome these storage challenges. Storwize V3700 delivers efficient, entry-level configurations that are specifically designed to meet the needs of small and midsize businesses. Designed to provide organizations with the ability to consolidate and share data at an affordable price, Storwize V3700 offers advanced software capabilities that are usually found in more expensive systems. Built on innovative IBM technology, Storwize V3700 addresses the block storage requirements of small and midsize organizations, Storwize V3700 is designed to accommodate the most common storage network technologies. This design enables easy implementation and management. Storwize V3700 includes the following features: Web-based GUI provides point-and-click management capabilities. Internal disk storage virtualization enables rapid, flexible provisioning and simple configuration changes. Thin provisioning enables applications to grow dynamically, but only use space they actually need. Enables simple data migration from external storage to Storwize V3700 storage (one-way from another storage device). Remote Mirror creates copies of data at remote locations for disaster recovery. IBM FlashCopy® creates instant application copies for backup or application testing. This IBM Redbooks® publication is intended for pre-sales and post-sales technical support professionals and storage administrators. The concepts in this book also relate to the IBM Storwize V3500. This book was written at a software level of version 7 release 4.

Provides information on using a PC, covering such topics as hardware, networking, burning CDs and DVDs, using the Internet, and upgrading and replacing parts.

Carolyn Gillay and Bette Peat have teamed up again to write the Windows 2000 Professional version of their runaway bestseller Windows User's Guide to DOS. Like its predecessor, this book is aimed at the student who has had little or no experience in working with a computer at the operating system level. It is suitable for a three- credit, 16-week, semester-length course.

This step-by-step, highly visual text provides a comprehensive introduction to managing and maintaining computer hardware and software. Written by best-selling author and educator Jean Andrews, A+ Guide to IT Technical Support, 9th Edition closely integrates the CompTIA+ Exam objectives to prepare you for the 220-901 and 220-902 certification exams. The new Ninth Edition also features extensive updates to reflect current technology, techniques, and industry standards in the dynamic, fast-paced field of PC repair and information technology. Each chapter covers both core concepts and advanced topics, organizing material to facilitate practical application and encourage you to learn by doing. The new edition features more coverage of updated hardware, security, virtualization, new coverage of cloud computing, Linux and Mac OS, and

increased emphasis on mobile devices. Supported by a wide range of supplemental resources to enhance learning with Lab Manuals, CourseNotes online labs and the optional MindTap that includes online labs, certification test prep and interactive exercises and activities, this proven text offers students an ideal way to prepare for success as a professional IT support technician and administrator. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

BUILD IT. FIX it. OWN IT. A Beginner's Guide to Building and Upgrading a PC Build It. Fix It. Own It. is the ultimate beginner's guide to building and fixing your own PC. With a friendly, knowledgeable tone, this book shows the beginning PC builder everything he or she needs to know to build a computer or upgrade an existing one. We step you through the parts that lurk inside a PC, from the motherboard and power supply to the CPU, memory, hard drive, video card, sound card, and networking hardware. In each case, you will learn how the hardware works, what it does, what types of hardware are available, and what to look for when buying the hardware. Then we walk you step-by-step through a series of PC building projects. We show you how to build five different types of PC: a basic business PC, a home theater PC, a high-performance PC, a killer gaming PC, and a budget PC. And if building a new PC from scratch isn't in your budget, we show you how to resurrect an old PC by swapping out a few key components. When you have your PC built and running, we show you how to set up a wireless network and the BIOS and maintain your new rig. Build It. Fix It. Own It. is the ultimate PC builder's guide, even if you've never ventured inside a PC case before!

Author Bio Paul McFedries is one of the industry's most well known and respected technical writers and is a passionate computer tinkerer. He is the author of more than 70 computer books that have sold more than three million copies worldwide. His recent titles include the Sams Publishing books *Windows Vista Unleashed* and *Windows Home Server Unleashed* and the Que Publishing books *Networking with Microsoft Windows Vista*, *Formulas and Functions with Microsoft Excel 2007*, *Tricks of the Microsoft Office 2007 Gurus*, and *Microsoft Access 2007 Forms, Reports, and Queries*. Paul also is the proprietor of *Word Spy* (www.wordspy.com), a website devoted to tracking new words and phrases as they enter the English language. Category Hardware Covers PC Hardware User Level Beginner—Intermediate

Master PC installation, configuration, repair, maintenance, and networking and fully prepare for the CompTIA A+ 220-801 and 220-802 exams This unique tutorial and study guide teaches the fundamentals of computer desktop and laptop installation, configuration, maintenance, and networking with thorough instruction built on the CompTIA A+ 220-801 and 220-802 exam objectives. Learn all the skills you need to become a certified professional and customer-friendly technician using today's tools and technologies. Every chapter opens with focused learning objectives and lists the exam objectives covered in that chapter. To meet the learning objectives, each chapter includes detailed figures, helpful Tech Tips, explanations of key terms, step-by-step instruction, and complete coverage of every topic. At the end of every chapter are comprehensive assessment tools, including a summary, review questions, labs, activities, and exam tips. Covers Both 2012 A+ Exams: A+ 220-801: • PC Hardware • Networking • Laptops • Printers • Operational Procedures A+ 220-802 • Operating Systems • Security • Mobile Devices • Troubleshooting Learn more quickly and

thoroughly with all these study and review tools: Learning Objectives provide the goals for each chapter Practical Tech Tips give real-world PC repair knowledge Soft Skills information and activities in each chapter cover all the tools and skills you need to become a professional, customer-friendly technician in every category Review Questions, including true/false, multiple choice, matching, fill-in-the-blank, and open-ended questions, assess your knowledge of the learning objectives More than 125 Lab Exercises enable you to link theory to practical experience Key Terms identify exam words and phrases associated with each topic Detailed Glossary clearly defines every key term Critical Thinking Activities in every chapter take you beyond the facts to complete comprehension of topics Chapter Summary provides a recap of key concepts See Special Offer in Back of Book to save 70% on the CompTIA A+ Cert Guide, Deluxe Edition, Premium Edition eBook and Practice Test

Master IT hardware and software installation, configuration, repair, maintenance, and troubleshooting and fully prepare for the CompTIA® A+ 220-901 and 220-902 exams.

This all-in-one textbook and lab manual is a real-world guide to learning how to connect, manage, and troubleshoot multiple devices in authentic IT scenarios.

Thorough instruction built on the CompTIA A+ 220-901 and 220-902 exam objectives includes coverage of Linux, Mac, mobile, cloud, and expanded troubleshooting and security. For realistic industry experience, the author also includes common legacy technologies still in the field along with non-certification topics like Windows 10 to make this textbook THE textbook to use for learning about today's tools and technologies. In addition, dual emphasis on both tech and soft skills ensures you learn all you need to become a qualified, professional, and customer-friendly technician. Dozens of activities to help "flip" the classroom plus hundreds of labs included within the book provide an economical bonus—no need for a separate lab manual. Learn more quickly and

thoroughly with all these study and review tools: Learning Objectives provide the goals for each chapter plus chapter opening lists of A+ Cert Exam Objectives ensure full coverage of these topics Hundreds of photos, figures, and tables to help summarize and present information in a visual manner in an all-new full color design Practical Tech Tips give real-world IT Tech Support knowledge Soft Skills best practice advice and team-building activities in each chapter cover all the tools and skills you need to become a professional, customer-friendly technician in every category Review Questions, including true/false, multiple choice, matching, fill-in-the-blank, and open-ended questions, assess your knowledge of the learning objectives Hundreds of thought-provoking activities to apply and reinforce the chapter content and "flip" the classroom if you want More than 140 Labs allow you to link theory to practical experience Key Terms identify exam words and phrases associated with each topic Detailed Glossary clearly defines every key term Dozens of Critical Thinking Activities take you beyond the facts to complete comprehension of topics Chapter Summary provides a recap of key concepts for studying Certification Exam Tips provide insight into the certification exam and preparation process

GUIDE TO NETWORKING ESSENTIALS provides students with both the knowledge and hands-on skills necessary to work with network operating systems in a network administration environment. By focusing on troubleshooting and computer networking technologies, this book offers a comprehensive introduction to networking and to advances in software, wireless and network security. Challenge Labs and Hands-On

Projects are directly integrated in each chapter to allow for a hands-on experience in the classroom. Updated content reflects the latest networking technologies and operating systems including new Ethernet standards, cloud computing, Windows 10, Windows Server 2016, and recent Linux distributions. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Discover a comprehensive introduction to IT technical support as Andrews/Dark/West's **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 as you prepare for success as an IT support technician or administrator. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

The Lab 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. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

A comprehensive step-by-step review for A+ certification, revised for the latest exams **The CompTIA A+ Complete Review Guide: Exam 220-1001 and Exam 220-1002, Fourth Edition** is an ideal preparation tool to help you ace the exam and get certified. The must-have companion to the **CompTIA A+ Complete Study Guide**, this book provides a streamlined review of vital exam topics, helping you reinforce comprehension and strengthen retention. Now in its fourth edition, this review guide has been fully updated to focus on the latest best practices and new exam objectives. A clear and concise review structure helps you to focus on problem areas while logically organized topics allow for quick reference and flexible study. Covering both A+ exams, this book covers topics including PC hardware, networking, operating systems and procedures, security, troubleshooting, and more. Access to the Sybex online learning environment includes practice test questions, bonus exams, electronic flashcards, and a searchable glossary of key terms. Organize your exam prep to focus on challenging areas and reinforce your understanding of essential exam objectives. A+ certification is a vital step for careers in information technology, allowing current and prospective computer technicians to validate or recertify their skills. An essential component to any A+ exam strategy, this valuable review will help you: Learn to install and configure modern hardware and peripherals such as network switches, firewalls, and Bluetooth modules Keep updated on current software, including Windows, Linux, and mobile operating systems Integrate exam reviews with other Sybex learning resources to provide a comprehensive study plan **The CompTIA A+ Complete Review Guide: Exam 220-1001 and Exam 220-1002, Fourth Edition** is an integral part of your overall exam prep strategy, allowing you to focus your study on what matters most.

InfoWorld is targeted to Senior IT professionals. Content is segmented into Channels and Topic Centers. InfoWorld also celebrates people, companies, and projects.

NOTE: The name of the exam has changed from IT Fundamentals to IT Fundamentals+ (ITF+). However, the FC0-U61 exam objectives are exactly the same. After the book was printed with IT Fundamentals in the title, CompTIA changed the name to IT Fundamentals+ (ITF+). We have corrected the title to IT Fundamentals+ (ITF+) in subsequent book printings, but earlier printings that were sold may still show IT Fundamentals in the title. Please rest assured that the book content is 100% the same. The ultimate study guide for the essential entry-level IT cert! The CompTIA IT Fundamentals Study Guide: Exam FC0-U61, Second Edition is your ideal companion for comprehensive exam preparation. Covering 100 percent of the latest exam objectives, this book contains everything you need to know to pass with flying colors—the first time! Clear, concise language breaks down fundamental IT concepts to help you truly grasp important concepts, and practical examples illustrate how each new skill is applied in real-world situations. You'll learn your way around hardware and software, conduct installations, and connect to networks to get a workstation up and running smoothly; you'll also develop the knowledge base needed to identify compatibility and security issues, mitigate risks, and conduct all-important preventative maintenance that keeps the end-user problem-free. The CompTIA IT Fundamentals certification validates your skills as a systems support specialist, and gets your foot in the door to a successful IT career. This book is your ultimate preparation resource, with expert guidance backed by online tools to take your preparation to the next level! Master 100 percent of Exam FC0-U61 objectives Learn real-world applications and practical on-the-job skills Know what to expect with exam highlights and review questions Access online study tools including flashcards, chapter tests, a practice exam, and more! The IT department is instrumental in keeping any organization on its feet. As support staff, you will be called upon to assess and repair common problems, set up and configure workstations, address individual issues, and much more. If you decide to continue on to more advanced IT positions, the CompTIA IT Fundamentals certification is a great springboard; if you're ready to launch your career, the CompTIA IT Fundamentals Study Guide offers complete, practical prep to help you face the exam with confidence.

CompTIA A+ Guide to IT Technical Support Cengage Learning

This step-by-step, highly visual text provides a comprehensive introduction to managing and maintaining computer hardware and software. Written by best-selling author and educator Jean Andrews, A+ GUIDE TO HARDWARE, Ninth Edition, closely integrates the CompTIA A+ Exam objectives to prepare students for the 220-901 certification exams. The new Ninth Edition also features extensive updates to reflect current technology, techniques, and industry standards in the dynamic, fast-paced field of PC repair and information technology. Each chapter covers both core concepts and advanced topics, organizing material to facilitate practical application and encourage students to learn by doing. The new edition features more coverage of updated hardware, security, and increased emphasis on mobile devices. Supported by a wide range of supplemental resources to enhance learning with Lab Manuals, CourseNotes, online labs and the optional MindTap that includes labs, certification test prep and interactive exercises and activities, this proven text offers students an ideal way to

prepare for success as a professional IT support technician. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Build your very own custom PC- How you want, and the freedom to do it where you want while avoiding frustration and complex steps. Are you on a budget but you want to buy your dream pc but its to expensive. Now is your chance to build your very own custom PC for personal, business, or entertainment use. This is the perfect guide to help you finally set up the perfect PC with out the hassle or the demands of being a computer wiz kid. We have a very easy step by step chapter by chapter guide that will turn you into a PC building genie. Chapter previews- Chapter 1- Choosing the parts Chapter 2- Building the physical computer Chapter 3- Preparation Chapter 4- Inner Construction Chapter 5- Choosing and installing the computer's software Chapter 6- Security Chapter 7- Optimizing and Overclocking With this easy step guide its impossible not to make the custom pc you always wanted. Try it now!

Annotation "With the acceptance of computers in our everyday life, a new line of crime has emerged revolving around the computer. Just as computers make daily transactions more efficient, they have also made many crimes more efficient. This trend is likely to continue, and for that reason alone police investigators should make themselves better prepared for computer related crime investigations. Divided into four sections, this book proposes theoretical and practical information, interventions, directives, and ideas. This text will be a useful resource for law enforcement professionals, criminal justice students, security professionals, and private business."--BOOK JACKET.Title Summary field provided by Blackwell North America, Inc. All Rights Reserved.

Maximum PC is the magazine that every computer fanatic, PC gamer or content creator must read. Each and every issue is packed with punishing product reviews, insightful and innovative how-to stories and the illuminating technical articles that enthusiasts crave.

Building a PC is the most coolest thing that a person can do. It might seem a bit intimidating but it's not! Using this guide people are going to be able to plan and build a PC according to their needs and preferences in a painless manner. The guide informs people the entire process of building a PC from choosing and getting components, to assembling the PC. It includes tips and suggestions on the process of assembling a PC and gives the person recommendations on selecting the appropriate components to install in their build.

Indian Coast Guard is one of e prestigious forces of our country which keeps on recruiting e potential candidates into various profiles rough various recruitment exams. e present book of e series "Conquer e Sea" is for ose who are preparing for Indian Coast Guard Navik General Duty Recruitment Exam and it completely suits e model for e basic preparation of is examination. Revised fully, it comes up wi e comprehensive study material based on e latest exam syllabus and pattern. It covers all e key section. It facilitates chapterwise important study notes, Exam pattern, practice questions and solved papers for self-evaluation. Housed wi complete study resource, enhance e level of preparation for Indian Coast Guard Navik General Duty Recruitment Exam wi is book. TOC Solved Paper, English, Maematics, Science, General Knowledge, Reasoning, Practice Sets (1-2)

A guide to Ubuntu Linux covers such topics as installation, the desktop, utilities, the shell, networking, system administration, the Linux kernel, CUPS, DNS, OpenSSH, Samba, and Apache.

Unique guide to installing Apple's Mac OS X software on non-Apple hardware If you've always wished you could install Apple's rock solid Mac OS X on your non-Apple notebook, budget PC, or power-tower PC, wish no more. Yes, you can, and this intriguing book shows you exactly how. Walk through these step-by-step instructions, and you'll end up knowing more about Apple's celebrated OS than many of the most devoted Mac fans. You'll learn to build OS X-ready machines, as well as how to install, use, and program OS X. Now that Apple computers are based on the Intel platform, the same as most PCs, rogue developers in droves are installing Mac OS X on PCs, including those based on the AMD and Atom processors; this is the first book to show how to create an OSx86 machine running OS X Provides step-by-step instruction on the installation, use, and programming of OS X on your existing computer, as well as how to build OS X-ready machines Helps you avoid pitfalls and common problems associated with running Apple software on PC hardware Offers numerous practical hints, tips, and illustrations Create your own Hackintosh with this essential guide.

Create your maximum PC with the Maximum PC Ultimate Performance Guide. This 350 page guide is full of succinct, practical advice that you can use to build, supercharge and customize your PC. You will learn your PC from the outside-in, including how to choose the best case and hardware, how to tweak your PC settings to maximize performance and how to customize and exploit the features of your Windows operating system. This book truly is your ultimate guide to everything you need to know about your PC and it is the only one endorsed by the top name in PC hardware technology, Maximum PC.

The Best Fully Integrated Study System Available With hundreds of practice questions and hands-on exercises, CompTIA A+ Certification Study Guide, Sixth Edition covers what you need to know--and shows you how to prepare--for these challenging exams. 100% complete coverage of all official objectives for CompTIA A+ exams 220-601, 220-602, 220-603, and 220-604 Exam Readiness Checklist at the front of the book--you're ready for the exam when all objectives on the list are checked off Inside the Exam sections in every chapter highlight key exam topics covered Simulated exam questions match the format, tone, topics, and difficulty of the real exam Covers all the exam topics, including: CPUs and Motherboards * Power Supply and Cooling Systems * Memory and Storage Devices * Display and Input Devices * Cables, Connectors, and Ports * Installing, Upgrading, Troubleshooting, and Maintaining PCs * Supporting Laptops and Portable Devices * Installing, Configuring, Optimizing, and Upgrading Operating Systems * Managing Disks and Files * Managing Printers and Scanners * Installing, Configuring, and Troubleshooting Networks * Security * Safety and Environmental Issues * Communication and Professionalism CD-ROM includes: Complete MasterExam practice testing engine, featuring: One full practice exam

* Detailed answers with explanations * Score Report performance assessment tool Video training clips of key A+ related tasks Electronic book for studying on the go With free online registration: One-hour LearnKey video training session Bonus downloadable MasterExam practice test

This step-by-step, highly visual text provides a comprehensive introduction to managing and maintaining computer hardware and software. Written by best-selling author and educator Jean Andrews, *A+ GUIDE TO MANAGING AND MAINTAINING YOUR PC* closely integrates the CompTIA A+ Exam objectives to prepare you for the 220-801 and 220-802 certification exams. The new Eighth Edition also features extensive updates to reflect current technology, techniques, and industry standards in the dynamic, fast-paced field of PC repair. Each chapter covers both core concepts and advanced topics, organizing material to facilitate practical application and encourage you to learn by doing. Supported by a wide range of supplemental resources to enhance learning—including innovative tools, interactive exercises and activities, and online study guides—this proven text offers an ideal way to prepare you for success as a professional PC repair technician. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

The quick way to learn Windows 10 This is learning made easy. Get more done quickly with Windows 10. Jump in wherever you need answers--brisk lessons and colorful screenshots show you exactly what to do, step by step. Discover fun and functional Windows 10 features! Work with the new, improved Start menu and Start screen Learn about different sign-in methods Put the Cortana personal assistant to work for you Manage your online reading list and annotate articles with the new browser, Microsoft Edge Help safeguard your computer, your information, and your privacy Manage connections to networks, devices, and storage resources

Bestselling CompTIA A+ author Mike Meyers provides 130+ hands-on, step-by-step labs—updated for the 2012 exams—so you can practice the IT skills essential for your success With coverage of CompTIA A+ certification exams 220-801 and 220-802, Mike Meyers' *CompTIA A+ Guide to Managing and Troubleshooting PCs Lab Manual, Fourth Edition* contains more than 130 labs that challenge you to solve real-world problems with key concepts. Clear, measurable lab objectives map to certification exam objectives, ensuring direct correspondence to Mike Meyers' *CompTIA A+ Guide to Managing and Troubleshooting PCs, Fourth Edition*. Lab solutions are only available to instructors and are not printed inside the book. The Lab Manual also includes materials lists and lab set-up instructions. Step-by-step, not click-by click, lab scenarios require you to think critically, and Hint and Warning icons guide you through potentially tricky situations. Post-lab observation questions measure your understanding of lab results and the key term quiz helps to build your vocabulary.

This book is intended as a study guide for anyone preparing for the (SK0-004) exam. Each chapter covers one or more of the exam objectives as standalone read. In

addition, its content is such that the book will also serve as a valuable reference for entry-level network technicians and those looking for a refresher.

130+ Hands-On, Step-By-Step Labs, Fully Updated for the 2015 Exams This practical workbook contains more than 130 labs that challenge you to solve real-world problems by applying key concepts. Thoroughly revised for 2015 exam objectives, the book maps directly to Mike Meyers' CompTIA A+ Guide to Managing and Troubleshooting PCs, Fifth Edition. You will get complete materials lists, setup instructions, and start-to-finish lab scenarios. "Hint" and "Warning" icons guide you through tricky situations, and post-lab questions measure your knowledge. Mike Meyers' CompTIA A+ Guide to Managing and Troubleshooting PCs Lab Manual, Fifth Edition covers: Microprocessors and Motherboards BIOS and RAM Power Supplies and Hard Drives PC Assembly Users, Groups, and Permissions Windows Vista/7/8 Virtualization OS Troubleshooting Display Technologies Local Area and WiFi Networking The Internet Mobile Device Configuration and Management Printers and Peripherals Computer Security ABOUT THE AUTHORS: Mike Meyers CompTIA A+, CompTIA Network+®, CompTIA Security+®, MCP, is the industry's leading authority on CompTIA certification and training. He is the author of eight editions of CompTIA A+ Certification All-in-One Exam Guide—the bestselling CompTIA A+ exam prep guide on the market. Faithe Wempen, M.A., CompTIA A+, has been teaching PC hardware and software architecture at Purdue University for more than a decade. She has written over 140 retail, trade, and academic books on computer applications and technologies, and her online courses for corporate clients such as CNET, Sony, and HP have educated more than a quarter of a million students.

Essential Skills for a Successful IT Career Mike Meyers, the leading authority on CompTIA A+ training and certification, has helped hundreds of thousands of people master CompTIA A+ PC technician skills—and now he can help you, too. Completely updated for the new CompTIA A+ standards, Mike Meyers' CompTIA A+ Guide to Managing and Troubleshooting PCs, Second Edition will help you pass the CompTIA A+ certification exams and become an expert hardware technician. Inside, you'll find helpful on-the-job tips, end-of-chapter practice questions, and hundreds of photographs and illustrations. Learn how to: Work with CPUs, RAM, and motherboards Install, partition, and format hard drives Work with portable PCs, PDAs, and wireless technologies Install, upgrade, and troubleshoot Windows 2000 Professional and Windows XP Install sound and video cards Manage printers and connect to networks Implement security measures Understand safety and environmental issues Establish good communication skills and adhere to privacy policies The CD-ROM features: Eight full practice exams covering CompTIA A+ Essentials and Exams 220-602, 220-603, and 220-604 One hour of LearnKey video training featuring Mike Meyers teaching key CompTIA A+ topics Electronic copy of the book Complete exam objective map for all four exams List of official CompTIA A+ acronyms Useful tools and utilities for PC technicians Each chapter includes: Learning objectives Photographs and illustrations Real-world examples Try This! and Cross Check exercises Tech tips, notes, and warnings End-of-chapter quizzes and lab projects

Essential Skills for a Successful IT Career Mike Meyers, the leading authority on CompTIA A+ training and certification, has helped hundreds of thousands of people master the skills covered on the CompTIA A+ exams—and now he can help you, too.

Completely updated for the new CompTIA A+ standards, Mike Meyers' CompTIA A+(R) Guide: PC Technician will help you pass CompTIA A+ exams 220-602, 220-603, and 220-604 and become an expert computer technician. Inside, you'll find helpful on-the-job tips, end-of-chapter practice questions, and hundreds of photographs and illustrations. Learn how to: Work with CPUs, RAM, and motherboards Configure CMOS and BIOS settings Install internal devices and removable-media drives Provide proper power and cooling Install and configure hard drives Work with the command-line interface Troubleshoot Windows 2000 Professional and Windows XP Work with portable PCs, PDAs, and wireless technologies Install sound and video cards Install and troubleshoot printers Connect to networks and manage Internet connections Implement security measures Establish good communication skills The CD-ROM features: Two full practice exams for each CompTIA A+ exam: 220-602, 220-603, and 220-604 One hour of LearnKey video training featuring Mike Meyers teaching key CompTIA A+ topics Electronic copy of the book Complete exam objective map List of official CompTIA A+ acronyms Useful tools and utilities for PC technicians Each chapter includes: Learning objectives Photographs and illustrations Real-world examples Try This! and Cross Check exercises Tech tips, notes, and warnings End-of-chapter quizzes and lab projects

Information Technology is not just about what applications you can use; it is about the systems you can support. The CompTIA IT Fundamentals certification is an introduction to the skills required to become a successful systems support professional, progressing onto more advanced certifications and career success. The Sybex CompTIA IT Fundamentals Study Guide covers 100% of the exam objectives in clear and concise language and provides you authoritatively with all you need to know to succeed in the exam. Along with gaining preventative maintenance skills, you will also develop the tools to complete troubleshooting and fault resolution and resolve common issues experienced by the majority of computer systems. The exam focuses on the essential IT skills and knowledge needed to perform tasks commonly performed by advanced end-users and entry-level IT professionals alike, including: Identifying and explaining computer components Setting up a workstation, including conducting software installations Establishing network connectivity Identifying compatibility issues and identifying and preventing security risks Managing the safety and preventative maintenance of computers Practical examples, exam highlights and review questions provide real-world applications and uses. The book includes Sybex's interactive online learning environment and test bank with an assessment test, chapter tests, flashcards, and a practice exam. Our study tools can help you prepare for taking the exam???and increase your chances of passing the exam the first time!

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