

## Philips Webcam User Guide

PCMag.com is a leading authority on technology, delivering Labs-based, independent reviews of the latest products and services. Our expert industry analysis and practical solutions help you make better buying decisions and get more from technology.

This book contains free advertising techniques and tutor referral services that will find students for you. Two full chapters on setting up an online tutoring system show you, step-by-step, how to set up your computer and what online teaching platforms are best to use. Guidance on how to talk to parents who children are in trouble at school, how to talk to the student to encourage them and how to uncover the reasons why a student is not doing well at school.

Philip's Astrophotography With Mark Thompson is an essential guide for anyone wishing to photograph or image the stars and planets, written by TV's favourite astronomer. For many people, looking at the sky is not enough and they would love to try and capture what they can see. Until a few years ago, capturing astronomical images was fraught with many challenges, but with the development of digital cameras replacing film, things have become much easier and great astronomical images are now within the reach of even the most casual stargazer. Mark Thompson has spent many years spent making the beauty of the night sky, first with film and now with the digital camera, and has discovered and overcome many of the pitfalls. This book takes the reader on a journey through the world of capturing astronomical images from using the humble mobile phone to specialist cameras, brought to life with Mark's personal experiences and many of his own astronomical images.

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. The text provides thorough preparation for the certification exam -- and your future 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.

Digital Astrophotography

Firefly Solar System Observer's Guide

Observing the Moon

COMPTIA A+ Guide to Information Technology Technical Support

A Complete Guide to Lunar Imaging

Augmented Reality

*Congratulations on purchasing the ODROID-XU4! It is one of the most powerful low-cost Single Board computers available, as well as being an extremely versatile device. Featuring an octa-core Exynos 5422 big.LITTLE processor, advanced Mali GPU, and Gigabit ethernet, it can function as a home theater set-top box, a general purpose computer for web browsing, gaming and socializing, a compact tool for college or office work, a prototyping device for hardware tinkering, a controller for home automation, a workstation for software development, and much more. Some of the modern operating systems that run on the ODROID-XU4 are Ubuntu, Android, Fedora, ARCHLinux, Debian, and OpenELEC. With thousands of free open-source software packages available, the most widely-used architecture for mobile devices and embedded 32-bit computing.*

*Viewing and Imaging the Solar System: A Guide for Amateur Astronomers is for those who want to develop their ability to observe and image Solar System objects, including the planets and moons, the Sun, and comets and asteroids. They might be beginners, or they may have already owned and used an astronomical telescope for a year or more. Newcomers are almost always wowed by sights such as the rings of Saturn and the moons of Jupiter, but have little idea how to find these objects for themselves (with the obvious exceptions of the Sun and Moon). They also need guidance about what equipment, besides a telescope, they will need. This book is written by an expert on the Solar System, who has had a lot of experience with outreach programs, which teach others how to make the most of relatively simple and low-cost equipment. That does not mean that this book is not for serious amateurs. On the contrary, it is designed to show amateur astronomers, in a relatively light-hearted—and math-free way—how to become serious.*

*In-depth instruction and practical techniques for building with the BeagleBone embedded Linux platform Exploring BeagleBone is a hands-on guide to bringing gadgets, gizmos, and robots to life using the popular BeagleBone embedded Linux platform. Comprehensive content and deep detail provide more than just a BeagleBone instruction manual—you'll also learn the underlying engineering techniques that will allow you to create your own projects. The book begins with a foundational primer on essential skills, and then gradually moves into communication, control, and advanced applications using C/C++, allowing you to learn at your own pace. In addition, the book's companion website features instructional videos, source code, discussion forums, and more, to ensure that you have everything you need. The BeagleBone's small size, high performance, low cost, and extreme adaptability have made it a favorite development platform, and the Linux software base allows for complex yet flexible functionality. The BeagleBone has applications in smart buildings, robot control, environmental sensing, to name a few, and, expansion boards and peripherals dramatically increase the possibilities. Exploring BeagleBone provides a reader-friendly guide to the device, including a crash course in computer engineering. While following step by step, you can: Get up to speed on embedded Linux, electronics, and programming Master interfacing electronic circuits, buses and modules, with practical examples Explore the Internet-connected BeagleBone and the BeagleBone with a display Apply the BeagleBone to sensing applications, including video and sound Explore the BeagleBone's Programmable Real-Time Controllers Hands-on learning helps ensure that your new skills stay with you, allowing you to design with electronics, modules, or peripherals even beyond the BeagleBone. Insightful guidance and online peer support help you transition from beginner to expert as you master the techniques presented in Exploring BeagleBone, the practical handbook for the popular computing platform.*

Astronomy Now

Where We Will All Live

Viewing and Imaging the Solar System

Exploring BeagleBone

PC Magazine

Shoot the Moon

Take a practitioner's approach in analyzing the Internet of Things (IoT) devices and the security issues facing an IoT architecture. You'll review the architecture's central components, from hardware communication interfaces, such as UARTand SPI, to radio protocols, such as BLE or ZigBee. You'll also learn to assess a device physically by opening it, looking at the PCB, and identifying the chipsets and interfaces. You'll then use that information to gain entry to the device or to perform other actions, such as dumping encryption keys and firmware. As the IoT rises to one of the most popular tech trends, manufactures need to take necessary steps to secure devices and protect them from attackers. The IoT Hacker's Handbook breaks down the Internet of Things, exploits it, and reveals how these devices can be built securely. What You'll LearnPerform a threat model of a real-world IoT device and locate all possible attacker entry points Use reverse engineering of firmware binaries to identify security issues Analyze, assess, and identify security issues in exploited ARM and MIPS based binariesSniff, capture, and exploit radio communication protocols, such as Bluetooth Low Energy (BLE), and ZigBee Who This Book Is For Those interested in learning about IoT security, such as pentesters working in different domains, embedded device developers, or IT people wanting to move to an Internet of Things security role.

This is the only authoritative textbook on metabolic measurement of animals, ranging in mass from fruit flies to whales. It integrates a rigorous theoretical background with detailed practical guidelines for making actual measurements in the field and laboratory.

Lunar and Planetary Webcam User's GuideSpringer Science & Business Media

Dedicated to modern lunar imaging, this is an in-depth and illustrated guide to capturing impressive images of our nearest neighbour.

Health Informatics Sixth Edition Supplement: Practical Guide for Healthcare and Information Technology Professionals

A Guide for Amateur Astronomers

The eBay Price Guide

A Practical and Scientific Approach to Deep Space Imaging

CompTIA A+ Certification Study Guide 8/E Exams 220-801&802

Contactless Vital Signs Monitoring

For most of us, one of the most rewarding, yet difficult tasks, is preparing messages to preach and teach. We are honored by God to stand before our congregation each week, and we want to give them the very best, but with the press of the many demands of ministry, sometimes that is difficult to do. And if you're like me, you prefer writing your own sermons because you have a special connection with your congregation that is hard to reach through a message someone else has written. In other words, no one knows your people like you do! Our new Pulpit Outline Series gives you a starting point – a sermon title, a deductive sermon outline; and a relevant illustration you can use however you like. In this edition, rather than an outline, we have given you full manuscript messages that can be edited to suit your purposes. We invite you to make these messages your own, because only you know the people God has called you to preach to. And we are so honored that you've invested in this unique third volume in the Pulpit Outline series – 52 Funeral Sermons. We have put together the most tasteful, relevant, and Biblical messages possible. May God Bless You as You Share His Word!

A practical introduction to viewing the Moon offers detailed maps and images of lunar features, tips on choosing equipment, and advice on observing and photographing lunar eclipses.

Digital electronic imaging devices allow the wonders of the universe to be seen in detail never before possible from an amateur astronomer's backyard. This book clearly examines how to create the best astronomical images possible with a digital camera. It reveals the astonishing images that can be obtained with simple equipment, the right software, and knowledge of how to use it.

Completely jargon-free, the book describes how to extract results from the raw-and-dirty original imagery and then transform them into high-quality pictures suitable for framing, posting online, or sharing with friends and colleagues.

With an increasing number of employees working remotely, it is more difficult than ever to ensure that team members are working smoothly and productively. This books provides a roadmap for bridging the logistical, cultural and communication gaps that can prevent any virtual team from reaching its full potential.

Netbooks: The Missing Manual

Experience Skype to the Max

CompTIA A+ Certification Study Guide, Ninth Edition (Exams 220-901 & 220-902)

Measuring Metabolic Rates

The Missing Manual

The essential guide to photographing the night sky by TV's favourite astronomer

The Compendium of Practical Astronomy is unique. The practical astronomer, whether student, novice or accomplished amateur, will find this handbook the most comprehensive, up-to-date and detailed single guide to the subject available. It is based on Roth's celebrated German language handbook for amateur astronomers, which first appeared over 40 years ago.

Essential Skills for a Successful IT Career Written by the leading authority on CompTIA A+ certification and training, this four-color guide will help you become a certified IT professional with proven expertise in hardware and software, and help you pass CompTIA A+ exams 220-901 and 220-902. Mike Meyers' CompTIA A+ Guide to Managing and Troubleshooting PCs, Fifth Edition offers complete coverage of latest exam objectives. You'll get on-the-job tips, end-of-chapter review questions, and hundreds of color photographs and illustrations. Learn how to Work with CPUs, RAM, microprocessors, BIOS, motherboards, power supplies, and other PC components Install, configure, and troubleshoot hard drives Manage peripheral devices and removable media Install, upgrade, and maintain operating systems, including Windows, Mac OS X, and Linux Troubleshoot common computer problems Establish users and groups Set up video and multimedia cards Administer smartphones, tablets, and other mobile devices Install and configure wired and wireless networks Connect to the Internet Secure your PC and your network Install, configure, and manage printers and multifunction devices Work with the latest virtualization technologies Understand safety and environmental issues Electronic content includes: Practice exams for 901 & 902 One hour+ of free video training from Mike Meyers TotalSim simulations of performance-based questions Mike's favorite free PC tools and utilities A complete PDF copy of the book Instructor resources available: Instructor's Manual

Power Point slides for each chapter with photographs and illustrations from the book Test Bank cartridges with hundreds of questions for use as quizzes and exams Answers to the end of chapter sections are not included in the book and are only available to adopting instructors.

This book provides an in-depth exploration of the field of augmented reality (AR) in its entirety and sets out to distinguish AR from other inter-related technologies like virtual reality (VR) and mixed reality (MR). The author presents AR from its initial philosophies and early developments, to its current technologies and its impact on our modern society, to its possible future

developments; providing readers with the tools to understand issues relating to defining, building, and using our perception of what is represented in our perceived reality, and ultimately how we assimilate and react to this information. Augmented Reality: Where We Will All Live can be used as a comprehensive guide to the field of AR and provides valuable insights for technologists,

marketers, business managers, educators and academics who are interested in the field of augmented reality: its concepts, history, practices and the science behind this rapidly advancing field of research and development.

Mars, popularly known as the Red Planet because of its distinct color, is visible with the naked eye and is one of very few planets in the Solar System in which it is possible to see weather phenomena and surface features and thus is a favorite for amateur and practical astronomers. Commercially made telescopes can reveal its dusty surface markings, brilliant polar ice caps, and atmospheric phenomena. Many of Mars's features appear to change shape and intensity with the seasons: its polar caps grow and shrink cyclically, clouds billow above the Martian surface, and sometimes great dust storms obscure vast sections of the planet. The first part of Mars and How to Observe It sets out our current knowledge of Mars as a planet - its orbit, physical characteristics, evolution over time, and current geology. A planet-wide tour of Mars's topography is featured, along with clearly labeled maps and close-up images of a variety of features. The second part of the book explains how amateur and practical astronomers can observe Mars successfully. Many aspects are considered in depth, including preparing to observe, calculating phase and tilt, and making observational sketches and drawings. There are also plenty of details about how best to make high-resolution CCD images. Since Mars changes in its apparent size in the sky according to its position in relation to Earth, it is best observed during its closest approaches. Future apparitions (appearances of the Red Planet) are therefore featured.

The Astrophotography Manual

Lunar and Planetary Webcam User's Guide

Mike Meyers' CompTIA A+ Guide to Managing and Troubleshooting PCs, Fifth Edition (Exams 220-901 & 220-902)

What Sells for what (in Every Category!)

A Hands-On Introduction to Hacking

Philip's Astrophotography With Mark Thompson

Penetration testers simulate cyber attacks to find security weaknesses in networks, operating systems, and applications. Information security experts worldwide use penetration techniques to evaluate enterprise defenses. In Penetration Testing, security expert, researcher, and trainer Georgia Weidman introduces you to the core skills and techniques that includes Kali Linux and vulnerable operating systems, you'll run like Wireshark, Nmap, and Burp Suite. As you follow along with the labs and launch attacks, you'll experience the key stages of an actual assessment—including information gathering, finding exploitable vulnerabilities, gaining access to systems, post exploitation, and more. Learn how to:–Crack passwords and wireless network keys with brute-forcing and wordlists –Test web applications for vulnerabilities –Use the Metasploit Framework to launch exploits and write your own Meta attacks –Bypass antivirus software –Turn access to one machine into total control of the enterprise In the post exploitation phase You'll even explore writing your own exploits. Then it's on to mobile hacking—Weidman's particular area of research—with her tool, the Smartphone Pentest Framework. With its collection of hands-on lessons that cover key tools and strategies, Penetration Testing is the introduction that every aspiring hacker needs.

Demonstrates the enhanced features of Windows 2000 Professional while explaining how to optimize the system for different business applications and discussing network design and installation, security, and operating system mangement.

At first glance, the challenge of astrophotography may appear daunting. But not only are spectacular results possible, they are easy to learn with the step-by-step instructions provided in Stephan Seip's Digital Astrophotography: A Guide to Capturing the Cosmos. Today, amateurs can produce images that only twenty years ago a large professional observatory would have been proud of; and this book shows you how. Learn how to: Set up your camera for optimum results Focus your beautiful night shots with a simple compact digital camera, a tripod, and a telescope Use a DSLR camera to shoot the Sun, Moon, stars, star clusters, and nebulae through your telescope Get brilliant images of planets with a Webcam Capture remote galaxies with a charge-coupled device (CCD) camera just like a pro Also included are lessons on the processing that is done in the "studio" after your shoot, including how to: Shoot RAW format images and improve them with calibrated sky objects and combine them into a longer exposure Perform brightness, contrast, and color correction Make corrections to correct for vignetting and uneven field illumination Process your images for stunning results Equipment requirements for astrophotography range from nothing but a simple camera and tripod to a multi-thousand dollar computer controlled telescope equipped with a CCD auto-guider and separate guide-scope. Researching the best equipment for your needs, which cameras are best for the various celestial objects, what to look for when buying a camera, and what accessories you really need. The rewards of this fascinating hobby, as the author says, "Grants you unforgettable hours under the night sky: it allows you to produce aesthetically rewarding and lasting results. Astrophotography is a love-match between physics, photography, art, and digital image processing. It is exciting!"

What's valuable? Market competition provides one kind of answer. Competitions offer another. On one side, competition is an ongoing and seemingly endless process of pricings; on the other, competitions are discrete and bounded in time and location, with entry rules, judges, scores, and prizes. This book examines what happens when ever more activities in domains of everyday life are evaluated and experienced in terms of performance metrics. Unlike organized competitions, such as entry. Instead of producing resolutions, their scorings create additions. To understand these developments, this book explores discrete contests (architectural competitions, international music competitions, and world press photo competitions): shows how the continuous updating of rankings is both a device for navigating the social world and an engine of anxiety; and examines the production of such anxiety in settings ranging from the pedagogy of performance in business school to performance metrics in online platforms. In the performance society, networks of observation - in which all are performing and keeping score - are entangled with a system of emotionally charged preoccupations with one's positioning within the rankings. From the bedroom to the boardroom, pharmaceutical companies and management consultants promise enhanced performance. This assemblage of metrics, networks, and their attendant emotional pathologies is herein regarded as

A Manager's Guide to Virtual Teams

Handbook of Practical Astronomy

Complete Home Business Guide

PC Mag

52 Funeral Sermons

The Essential Guide to the World's Leading Internet Communications Platform

**Explore Skype to the Max shows you how to make the most of Skype's full range of features on any device. Discover tips and tricks for saving time, saving money, and fostering better communication at work or in your personal projects. Go beyond simple voice calling and discover Skype as a multimedia cross-platform collaboration tool, wherever you are in the world. Learn how to connect to Skype from your devices whether in the home office on the road, roaming on your mobile or over Wi-Fi. Discover the best ways to call or message landlines and mobile phones at minimum cost, and how to manage your account and payments, depending on your needs. As a regular Skype user, you'll also benefit from insider tips on choosing hardware and peripherals, integrating your Skype usage with other platforms such as Office and Outlook.com, and preparing for the next developments in internet-based communications. As work and home lives become increasingly intertwined, this book is your essential guide to building and sustaining your important relationships on one reliable platform.**

**This book de-mystifies the jargon of webcams and computer processing, and provides detailed hints and tips for imaging the Sun, Moon and planets with a webcam. It demonstrates how inexpensive tools are revolutionizing imaging in amateur astronomy. Anyone with a modest telescope and a webcam can now obtain jaw-dropping lunar and planetary images to rival those taken with mid-range astronomical CCD cameras costing thousands of dollars. A glance through the images in this book shows just what spectacular results can be achieved by using a webcam with your telescope! Your scientific results will be sought by professional astronomers.**

**Written by an experienced and well-known lunar observer, this is a hands-on primer for the aspiring observer of the Moon. Whether you are a novice or are already experienced in practical astronomy, you will find plenty in this book to help you raise your game to the next level and beyond. In this thoroughly updated second edition, the author provides extensive practical advice and sophisticated background knowledge of the Moon and of lunar observation. It incorporates the latest developments in lunar imaging techniques, including digital photography, CCD imaging and webcam observing, and essential advice on collimating all common types of telescope. Learn what scientists have discovered about our Moon, and what mysteries remain still to be solved. Find out how you can take part in the efforts to solve these mysteries, as well as enjoying the Moon's spectacular magnificence for yourself!**

**Fully revised for new 900 series exam objectives--more than 400 practice exam questions! Written by a leading expert on CompTIA A+ certification and training, this self-study book has been thoroughly updated to cover 100% of the exam objectives on the 2015 CompTIA A+ exams. New topics include managing and maintaining cellular devices, including tablets; configuring operating systems, including Windows 8, Android, and iOS; and enhanced, mobile-centered security and troubleshooting procedures. CompTIA A+® Certification All-in-One Exam Guide, Ninth Edition (Exams 220-901 & 220-902) enables you to take the tests with complete confidence. It also serves as a practical reference for IT support and technical personnel. Electronic content includes two full practice exams with more than 400 accurate practice questions, training videos from the author, and a complete PDF copy of the book. • Complete coverage of CompTIA exams 220-901 and 220-902 • Electronic content includes 400+ practice questions, video training, and a PDF of the book • Includes a coupon for 10% off of the exam fee, a \$37 value**

**A Beginner's Guide**

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**A Practical Guide to Hacking the Internet of Things**

**The Independent Guide to IBM-standard Personal Computing**

**The Performance Coach**

**ODROID-XU4 User Manual**

Provides lists of selling prices of items found on eBay in such categories as antiques, boats, books, cameras, coins, collectibles, dolls, DVDs, real estate, stamps, tickets, and video games.

An introduction to observing the solar system with binoculars or small telescopes. Includes information on the moon, sun, meteors, comets, asteroids and nine planets.

Health Informatics: Practical Guide for Health and Information Technology Professionals Sixth Edition Supplement, adds 3 new chapters. The supplement has learning objectives, case studies, recommended reading, future trends, key points, and references. Introduction to Data Science, provides a comprehensive overview with topics including databases, machine learning, big data and predictive analytics. Clinical Decision Support (CDS), covers current and salient aspects of functionality, benefits, challenges and lessons learned. International Health Informatics, highlights the informatics initiatives of developed and developing countries on each continent. Available as a paperback and eBook. For more information about the textbook, visit [www.informaticaleducation.org](http://www.informaticaleducation.org). For instructors, an Instructor Manual, PDF version and PowerPoint slides are available under the instructor's tab.

Netbooks are the hot new thing in PCs -- small, inexpensive laptops designed for web browsing, email, and working with web-based programs. But chances are you don't know how to choose a netbook, let alone use one. Not to worry: with this Missing Manual, you'll learn which netbook is right for you and how to set it up and use it for everything from spreadsheets for work to hobbies like gaming and photo sharing. Netbooks: The Missing Manual provides

easy-to-follow instructions and lots of advice to help you: Learn the basics for using a Windows- or Linux-based netbook Connect speakers, printers, keyboards, external hard drives, and other hardware Get online using a wireless network, a public network, broadband cards, or dial-up Write email, browse the Web, transfer bookmarks, and add tools to your web browser Use business tools like Google Docs and Office for Netbooks Collaborate with others online via instant messaging Edit and share photos, play games, listen to music, and watch TV and movies online You'll also learn about web-based backup and storage, staying secure online -- especially when using wireless networks -- and tips for troubleshooting. Netbooks point to the future of computing, and Netbooks: The Missing Manual will show you how to get there.

Tutoring

Peter Norton's Complete Guide to Windows 2000 Professional

Tools and Techniques for Building with Embedded Linux

A Guide to Capturing the Cosmos

Penetration Testing

*Vital signs, such as heart rate and respiration rate, are useful to health monitoring because they can provide important physiological insights for medical diagnosis and well-being management. Most traditional methods for measuring vital signs require a person to wear biomedical devices, such as a capnometer, a pulse oximeter, or an electrocardiogram sensor. These contact-based technologies are inconvenient, cumbersome, and uncomfortable to use. There is a compelling need for technologies that enable contact-free, easily deployable, and long-term monitoring of vital signs for healthcare. Contactless Vital Signs Monitoring presents a systematic and in-depth look on the principles, methodologies, and opportunities of using different wavelengths of an electromagnetic spectrum to measure vital signs from the human face and body contactlessly. The volume brings together pioneering researchers active in the field to report the latest progress made, in an intensive and structured way. It also presents various healthcare applications using camera and radio frequency-based monitoring, from clinical care to home care, to sport training and automotive, such as patient/neonatal monitoring in intensive care units, general wards, emergency department triage, MR/CT cardiac and respiratory gating, sleep centers, baby elderly care, fitness cardio training, driver monitoring in automotive settings, and more. This book will be an important educational source for biomedical researchers, AI healthcare researchers, computer vision researchers, wireless-sensing researchers, doctors/clinicians, physicians/psychologists, and medical equipment manufacturers. Includes various contactless vital signs monitoring techniques, such as optical-based, radar-based, Wi-Fi-based, RFID-based, and acoustic-based methods. Presents a thorough introduction to the measurement principles, methodologies, healthcare applications, hardware set-ups, and systems for contactless measurement of vital signs using camera or RF sensors. Presents the opportunities for the fusion of camera and RF sensors for contactless vital signs monitoring and healthcare.*

*The best fully integrated study system available for CompTIA A+ exams 220-801 & 220-802 With hundreds of practice questions and hands-on exercises, CompTIA A+ Certification Study Guide, Eighth Edition covers what you need to know—and shows you how to prepare—for these challenging exams. McGraw-Hill is a Gold-Level CompTIA Authorized Partner offering Authorized CompTIA Approved Quality Content. 100% complete coverage of all official objectives for the exams: Exam Readiness Checklist—you're ready for the exams when all objectives on the list are checked off Exam Watch notes call attention to information about, and potential pitfalls in, the exams Two-Minute Drills for quick review at the end of every chapter Simulated exam questions match the format, tone, topics, and difficulty of the multiple-choice exam questions Covers all the exam topics, including: Operational Procedures • Operating System Fundamentals • Motherboards and Processors • Storage, Memory, and Adapters • Power Supplies, Display Devices, and Peripherals • Installing and Upgrading PC Components • Installing and Configuring Laptops • Client-Side Virtualization • Upgrading, Installing, and Configuring Windows • Troubleshooting, Repair, and Maintenance of PCs • Troubleshooting and Preventive Maintenance for Laptops • Troubleshooting and Preventive Maintenance for Windows •Network Basics • Installing a Small Office/Home Office (SOHO) Network • Troubleshooting Networks • Computer Security Fundamentals • Implementing Digital Security • Configuring and Troubleshooting Windows Clients • Supporting Mobile Devices • Using and Supporting Printers Electronic content includes: Complete MasterExam practice testing engine, featuring: Two practice exams; Detailed answers with explanations; Score Report performance assessment tool CertCam video clips from the authors Glossary with key terms MasterExam interactive Flash Card video training With free online registration: Bonus—two downloadable MasterExam practice tests*

*Capturing the serene beauty of planets, stars, and celestial bodies is both fine art and scientific discovery. Fascinating, challenging, and extremely rewarding, astrophotography is a pursuit that is greatly enhanced by gaining access to the type of detailed instruction this book offers, with charts, tables, over (number of TK) images, and real-life troubleshooting advice in detailed case studies. The Astrophotography Manual is for those astrophotographers who wish to swiftly move beyond using standard SLR cameras and Photoshop, and who are ready to create beautiful images of nebulae, galaxies, clusters, and the solar system. Beginning with a brief astronomy primer, this book takes readers through the full astrophotography process, from equipment choice and set-up, through image acquisition, image calibration, and processing. Along the way it explains how sensor performance and light pollution relate to image quality and exposure planning. This book will satisfy the technical and practical reader and use case studies to illustrate the entire process, using a range of equipment (including tablets and smartphones), exploring deep sky and planetary objects, and utilizing a variety of software, including Maxim, Nebulosity, PhotoShop, RegiStax and PiInflight.*

*Written by a well-known and experienced amateur astronomer, this is a practical primer for all aspiring observers of the planets and other Solar System objects. Whether you are a beginner or more advanced astronomer, you will find all you need in this book to help develop your knowledge and skills and move on to the next level of observing. This up-to-date, self-contained guide provides a detailed and wide-ranging background to Solar System astronomy, along with extensive practical advice and resources. Topics covered include: traditional visual observing techniques using telescopes and ancillary equipment; how to go about imaging astronomical bodies; how to conduct measurements and research of scientifically useful quality; the latest observing and imaging techniques. Whether your interests lie in observing aurorae, meteors, the Sun, the Moon, asteroids, comets, or any of the major planets, you will find all you need here to help you get started.*

*The Modern Astronomer's Guide*

*Moon Observer's Guide*

*Creating and Enhancing Digital Astro Images*

*Observing the Solar System*

*Competition and Competitions in Social Life*

*A Manual for Scientists*