

## **Mcsd Certification Toolkit Exam 70 483 Programming In C Wrox Programmer To Programmer**

Prepare for Microsoft Exam 70-532--and help demonstrate your real-world mastery of Microsoft Azure solution development. Designed for experienced developers ready to advance their status, Exam Ref focuses on the critical-thinking and decision-making acumen needed for success at the Microsoft Specialist level. Focus on the expertise measured by these objectives: Design and implement Websites Create and manage Virtual Machines Design and implement Cloud Services Design and implement a storage strategy Manage application and network services This Microsoft Exam Ref: Organizes its coverage by exam objectives Features strategic, what-if scenarios to challenge you Will be valuable for Microsoft Azure developers, solution architects, DevOps engineers, and QA engineers Assumes you have experience designing, programming, implementing, automating, and monitoring Microsoft Azure solutions and that you are proficient with tools, techniques, and approaches for building scalable, resilient solutions Developing Microsoft Azure Solutions About the Exam Exam 70-532 focuses on the skills and knowledge needed to develop Microsoft Azure solutions that include websites, virtual machines, cloud services, storage, application services, and network services. About Microsoft Certification Passing this exam earns you a Microsoft Specialist certification in Microsoft Azure,

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demonstrating your expertise with the Microsoft Azure enterprise-grade cloud platform. You can earn this certification by passing Exam 70-532, Developing Microsoft Azure Solutions; or Exam 70-533, Implementing Microsoft Azure Infrastructure Solutions; or Exam 70-534, Architecting Microsoft Azure Solutions. See full details at: [microsoft.com/learning](http://microsoft.com/learning)

This Microsoft Official curriculum training kit delivers comprehensive preparation for MCP Exam 70-100--a core exam on the Microsoft Certified Solution Developer (MCSD) track and the only exam every MCSD candidate must pass. The CD-ROM contains hands-on lab exercises, demos, and complete model application for a complete learning solution.

Acquire finesse with CTools features and build rich and custom analytics solutions using Pentaho About This Book Learn everything you need to know to make the most of CTools Create interactive and remarkable dashboards using the CTools Understand how to use and create data visualizations that can make the difference The author of our book works for Pentaho as a Senior Consultant Acts as a follow-up to Packt's previously published products on Pentaho such as Pentaho Business Analytics Cookbook, Pentaho Analytics for MongoDB, Pentaho Data Integration Cookbook - Second Edition, and Pentaho Reporting [Video] Our book is based on the latest version of Pentaho, that is, 6.0 Who This Book Is For If you are a CTools developer and would like to expand your knowledge and create attractive dashboards and frameworks, this book is the go-to-guide for you. A basic

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knowledge of JavaScript and Cascading Style Sheets (CSS) is highly recommended. What You Will Learn Install Community Tools on Pentaho; and understand the necessary concepts and considerations when creating an exciting dashboard design Get data from many different Pentaho datasources and deliver it in different formats (CSV, XLS, XML, or JSON) Use the Community Data Access (CDA) as the data abstraction layer and understand the concepts in the Community Dashboard Framework (CDF) Create a Community Dashboard Editor (CDE) dashboard and make the most of the main components Create and make use of widgets and use duplicate components to have data-driven sections on the dashboard Customize and create interaction between all components, including charts, using the Community Charts Components Create and embed dashboards in a better and new way Create plugins and make use of parameters inside Pentaho without writing code In Detail Pentaho and CTools are two of the fastest and most rapidly growing tools for practical solutions not found in any other tool available on the market. Using Pentaho allows you to build a complete analytics solution, and CTools brings an advanced flexibility to customizing them in a remarkable way. CTools provides its users with the ability to utilize Web technologies and data visualization concepts, and make the most of best practices to create a huge visual impact. The book starts with the basics of the framework and how to get data to your dashboards. We'll take you all the way through to create your custom and advanced dashboards that will create an effective visual impact and provide the best

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user experience. You will be given deep insights into the lifecycle of dashboards and the working of various components. Further, you will create a custom dashboard using the Community Dashboards Editor and use datasources to load data on the components. You will also create custom content using Query, the Freeform Addins Popup, and text components. Next, you will make use of widgets to create similar sections and duplicate components to reproduce other components on a dashboard. You will then learn to build a plugin without writing Java code, use Sparkl as a CPK plugin manager, and understand the application of deployment and version control to dashboard development. Finally, you will learn tips and tricks that can be very useful while embedding dashboards into other applications. This guide is an invaluable tutorial if you are planning to use custom and advanced dashboards among the solutions that you are building with Pentaho. Style and approach This book is a pragmatic, easy-to-follow guide that provides theoretical concepts, ideas, and tricks to better understand the necessary theoretical concepts. It also provides you with a set of highly intriguing samples of dashboards with customized code within them that can be utilized for future projects.

An official, self-paced training program for MCP Exam 70-015 presents a series of lessons and hands-on exercises designed to teach students how to design and implement distributed client/server solutions using Microsoft Visual C++ version 6.0. (Advanced)

If you maintain or plan to build Puppet infrastructure, this practical guide will take you a critical step further with

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best practices for managing the task successfully.

Authors Chris Barbour and Jo Rhett present best-in-class design patterns for deploying Puppet environments and discuss the impact of each. The conceptual designs and implementation patterns in this book will help you create solutions that are easy to extend, maintain, and support. Essential for companies upgrading their Puppet deployments, this book teaches you powerful new features and implementation models that weren't available in the older versions. DevOps engineers will learn how best to deploy Puppet with long-term maintenance and future growth in mind. Explore Puppet's design philosophy and data structures Get best practices for using Puppet's declarative language Examine Puppet resources in depth—the building blocks of state management Learn to model and describe business and site-specific logic in Puppet See best-in-class models for multitiered data management with Hiera Explore available options and community experience for node classification Utilize r10k to simplify and accelerate Puppet change management Review the cost benefits of creating your own extensions to Puppet Get detailed advice for extending Puppet in a maintainable manner

Web API 2 is the latest evolution of Microsoft's web services toolkit, which allows the creation of RESTful applications built on the ASP.NET platform. It provides a standards-based approach and a high-productivity development model that makes it easy to deliver services to a wide-range of clients, including mobile devices. This book puts Web API into context for the experienced MVC Framework developer and dives deep

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into the tools and techniques required to build Web API applications that integrate with the MVC Framework and shows you how to create single-page applications to consume them. Best-selling author Adam Freeman explains how to get the most from Web API 2 by building on the foundation of the MVC Framework and the ASP.NET platform. He starts with the nuts-and-bolts and shows you everything through to advanced features, going in-depth to give you the knowledge you need.

Prepare for Microsoft Certification Exam 70-483: Programming in C#. The “What, Why, and How” of each concept is presented along with quick summaries, code challenges, and exam questions to review and practice key concepts. You will learn how to use: Lambda expressions to write LINQ query expressions  
Asynchronous programming with the Async and Await keywords to maximize performance of slow applications  
Regular expressions to validate user input  
Reflection to create and handle types at runtime and much more  
The source code in the book will be available in the form of iCanCSharp notebooks and scripts that allow you to try out examples and extend them in interesting ways.

What You Will Learn  
Understand the necessary knowledge and skill set to prepare for Microsoft Exam 70-483  
Study the code challenges and practice questions on C# that are relevant to the exam  
Master the C# programming language  
Who This Book Is For  
Experienced C# and .NET programmers and developers who are ready to take and pass the exam in order to get certified  
Ace your preparation for Microsoft® Certification Exam 70-461 with this 2-in-1 Training Kit from Microsoft

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Press®. Work at your own pace through a series of lessons and practical exercises, and then assess your skills with practice tests on CD—featuring multiple, customizable testing options. Maximize your performance on the exam by learning how to: Create database objects Work with data Modify data Troubleshoot and optimize queries You also get an exam discount voucher—making this book an exceptional value and a great career investment.

Acquire necessary skills in preparing for Microsoft certification and enhance your software development career by learning the concepts of C# programming Key Features Prepare for the certification using step-by-step examples, and mock tests with standard solutions Understand the concepts of data security for secure programming with C# Learn to scale and optimize your application codebase using best practices and patterns Book Description Programming in C# is a certification from Microsoft that measures the ability of developers to use the power of C# in decision making and creating business logic. This book is a certification guide that equips you with the skills that you need to crack this exam and promote your problem-solving acumen with C#. The book has been designed as preparation material for the Microsoft specialization exam in C#. It contains examples spanning the main focus areas of the certification exam, such as debugging and securing applications, and managing an application's code base, among others. This book will be full of scenarios that demand decision-making skills and require a thorough knowledge of C# concepts. You will learn how to develop business logic for your application types in C#. This book is exam-oriented, considering all the patterns for Microsoft certifications and practical solutions to challenges from Microsoft-certified authors. By the time you've finished

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this book, you will have had sufficient practice solving real-world application development problems with C# and will be able to carry your newly-learned skills to crack the Microsoft certification exam to level up your career. What you will learn

- Explore multi-threading and asynchronous programming in C#
- Create event handlers for effective exception handling
- Use LINQ queries for data serialization and deserialization
- Manage filesystems and understand I/O operations
- Test, troubleshoot, and debug your C# programs
- Understand the objectives of Exam 70-483 and apply common solutions

Who this book is for  
The book is intended to the aspirants of Microsoft certifications and C# developers wanting to become a Microsoft specialist. The book does not require the knowledge of C#, basic knowledge of software development concepts will be beneficial

This text does not include not include a MOAC Labs Online access code. This 70-410 Installing and Configuring Windows Server 2012 textbook prepares certification students for the first of a series of three exams which validate the skills and knowledge necessary to implement a core Windows Server 2012 Infrastructure into an existing enterprise environment. This Microsoft Official Academic Course is mapped to the 70-410 Installing and Configuring Windows Server 2012 exam objectives. This textbook focuses on real skills for real jobs and prepares students to prove mastery of core services such as Active Directory and networking services. In addition, this book also covers such valuable skills as:

- Managing Active Directory Domain Services Objects
- Automating Active Directory Domain Services Administration
- Implementing Local Storage
- Implementing File and Print Services
- Implementing Group Policy
- Implementing Server Virtualization with Hyper-V

Now you can build real-world programming skills as you prepare for MCP Exam 70-300--the only exam every MCSD



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certification candidate must pass. Work at your own pace through the scenario-based lessons and hands-on labs to learn how to analyze requirements and define a Microsoft .NET solution architecture for a software development project. This official Microsoft study guide maps one-to-one with the MCP exam objectives, including envisioning the solution; gathering and analyzing business requirements; developing specifications; creating the conceptual, logical, and physical designs; and creating standards and processes. As you develop proficiency in these critical skill areas, you're also preparing for MCSD certification for Microsoft .NET. For customers who purchase an ebook version of this title, instructions for downloading the CD files can be found in the ebook.

The 100 most popular examples on the CSharpHelper.com web site. These examples demonstrate useful and interesting tips, tricks, and advanced techniques for C# programmers. MCSD Certification Toolkit (Exam 70-483) Programming in C# John Wiley & Sons

Cowboy stories and movies about the Wild West are full of amazing characters. Yet many of the lawmen we think of as heroes were anything but -- some were violent scoundrels and outlaws themselves. Among all the lawmen of the frontier, one man stands out as a true hero: Bass Reeves. In his day, Bass Reeves was the most successful federal marshal in the United States. True to the mythical code of the West, he never drew his gun first. He rounded up hundreds of outlaws and was shot at countless times but was never hit. Bass Reeves was born into slavery. And though the laws of his country enslaved him and his mother, when he became a free man he served the law with such courage and honor that he was known and respected all over the Indian Territory. Gary Paulsen's dramatic account of the life of Bass Reeves, through stories both real and imagined, makes him

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come alive as a boy and a man. Listeners will truly understand why he became a legend.

Prepare for Microsoft Exam 70-487—and help demonstrate your real-world mastery of developing Windows Azure and web services. Designed for experienced developers ready to advance their status, Exam Ref focuses on the critical-thinking and decision-making acumen needed for success at the Microsoft Specialist level. Focus on the expertise measured by these objectives: Accessing data Querying and manipulating data by using the Entity Framework Designing and implementing WCF Services Creating and consuming Web API-based services Deploying web applications and services This Microsoft Exam Ref: Organizes its coverage by exam objectives. Features strategic, what-if scenarios to challenge you.

Prepare for Microsoft Exam 70-767—and help demonstrate your real-world mastery of skills for managing data warehouses. This exam is intended for Extract, Transform, Load (ETL) data warehouse developers who create business intelligence (BI) solutions. Their responsibilities include data cleansing as well as ETL and data warehouse implementation. The reader should have experience installing and implementing a Master Data Services (MDS) model, using MDS tools, and creating a Master Data Manager database and web application. The reader should understand how to design and implement ETL control flow elements and work with a SQL Service Integration Services package. Focus on the expertise measured by these objectives:

- Design, and implement, and maintain a data warehouse
- Extract, transform, and load data
- Build data quality solutions

This Microsoft Exam Ref:

- Organizes its coverage by exam objectives
- Features strategic, what-if scenarios to challenge you
- Assumes you have working knowledge of relational database technology and incremental database extraction, as

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well as experience with designing ETL control flows, using and debugging SSIS packages, accessing and importing or exporting data from multiple sources, and managing a SQL data warehouse. Implementing a SQL Data Warehouse About the Exam Exam 70-767 focuses on skills and knowledge required for working with relational database technology. About Microsoft Certification Passing this exam earns you credit toward a Microsoft Certified Professional (MCP) or Microsoft Certified Solutions Associate (MCSA) certification that demonstrates your mastery of data warehouse management Passing this exam as well as Exam 70-768 (Developing SQL Data Models) earns you credit toward a Microsoft Certified Solutions Associate (MCSA) SQL 2016 Business Intelligence (BI) Development certification. See full details at: [microsoft.com/learning](http://microsoft.com/learning)

This title prepares readers to develop desktop applications with VB6 and to pass the new MCSD exam #70-176 (Designing and Implementing Desktop Applications with Microsoft Visual Basic 6.0). The exclusive tear-out Cram Sheet contains acronyms, tips, and memory joggers to improve recall immediately before the exam.

The MCSA 70-687 Cert Guide is the most comprehensive study guide available. Its comprehensive coverage--mapped to the sequence of the exams objectives--offers all the information and insight readers need to succeed on the exam. From start to finish, the book has been organized to improve retention and help Windows professionals focus on the areas where they need the most assistance--all designed to help the reader score

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better on the MCSA 70-687 Windows 8 Configuring exam.

Prepare for certification in Windows 7 configuration with this all-new study guide This comprehensive book guides readers through preparation for Microsoft's brand new MCTS: Windows 7, Configuring exam (70-680). You'll find 100% coverage of all exam objectives; practical, real-world scenarios; hands-on exercises, and challenging review questions, both in the book and on the CD included with the book. Prepares you for the new exam 70-680, the Microsoft Certified Technology Specialist certification for Windows 7; Windows 7 is Microsoft's new operating system releasing in late 2009 Shows you how to install, configure, and maintain Windows 7 for the exam Covers upgrading and migrating; deploying Windows 7; configuring hardware applications, network connectivity, access to resources, and mobile computing; monitoring and maintaining; handling backup and recovery, and more This is the ideal guide to prepare you for Microsoft's new Windows 7 certification.

Designed to help experienced programmers develop real-world, job-role-specific skills—this Training Guide focuses on creating applications with HTML5, JavaScript, and CSS3. Build hands-on expertise through a series of lessons, exercises, and suggested practices—and help maximize your performance on the job. Provides in-depth, hands-on

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training you take at your own pace Focuses on job-role-specific expertise for using HTML5, JavaScript, and CSS3 to begin building modern web and Windows 8 apps Features pragmatic lessons, exercises, and practices Creates a foundation of skills which, along with on-the-job experience, can be measured by Microsoft Certification exams such as 70-480 Coverage includes: creating HTML5 documents; implementing styles with CSS3; JavaScript in depth; using Microsoft developer tools; AJAX; multimedia support; drawing with Canvas and SVG; drag and drop functionality; location-aware apps; web storage; offline apps; writing your first simple Windows 8 apps; and other key topics This informative, full-color text takes students step-by-step through the decision-making involved in the pre-production processes of apparel product development---planning, forecasting, fabricating, line development, technical design, pricing, sourcing, and distribution. It demonstrates how these processes must be coordinated to get the right product to market, when consumers want it, and at a price they are willing to pay. The 4th Edition has been edited around a new metastructure to maximize student learning. It continues to build on the themes of sustainability, business ethics, and the impact of fast fashion and social media while seeking to address opportunities for both large and small companies, and entrepreneurs. The text

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advances its discussion of how new technologies continue to shorten the product development calendar. Chapters have been updated to include current examples, updated charts and graphs, and more case studies. There are updated references to contemporary developments with examples relevant to today's student. New to this Edition · Includes international examples and case studies that address the effects of globalization · Advances the discussion of the pros and cons of fast fashion vs. slow fashion · Revised, easier-to-read charts and graphs and 30% new color photographs ·

Thoroughly revised Chapters 12 (Sourcing) and 13 (Costing and Pricing) updated with most recent info on trade laws, changes in sourcing criteria and wages in international sourcing countries Beyond Design STUDIO · Study smarter with self-quizzes featuring scored results and personalized study tips · Review concepts with flashcards of essential vocabulary · Watch videos that bring chapter concepts to life PLEASE NOTE: Purchasing or renting this ISBN does not include access to the STUDIO resources that accompany this text. To receive free access to the STUDIO content with new copies of this book, please refer to the book + STUDIO access card bundle ISBN 9781501315480. STUDIO Instant Access can also be purchased or rented separately on BloomsburyFashionCentral.com.

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An in-depth look into Mac OS X and iOS kernels Powering Macs, iPhones, iPads and more, OS X and iOS are becoming ubiquitous. When it comes to documentation, however, much of them are shrouded in mystery. Cocoa and Carbon, the application frameworks, are neatly described, but system programmers find the rest lacking. This indispensable guide illuminates the darkest corners of those systems, starting with an architectural overview, then drilling all the way to the core. Provides you with a top down view of OS X and iOS Walks you through the phases of system startup—both Mac (EFi) and mobile (iBoot) Explains how processes, threads, virtual memory, and filesystems are maintained Covers the security architecture Reviews the internal Apis used by the system—BSD and Mach Dissects the kernel, XNU, into its sub components: Mach, the BSD Layer, and I/o kit, and explains each in detail Explains the inner workings of device drivers From architecture to implementation, this book is essential reading if you want to get serious about the internal workings of Mac OS X and iOS.

Prepare for Microsoft Exam 70-486—and help demonstrate your real-world mastery of developing ASP.NET MVC-based solutions. Designed for experienced developers ready to advance their status, Exam Ref focuses on the critical-thinking and decision-making acumen needed for success at the

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Microsoft Specialist level. Focus on the expertise measured by these objectives: Design the application architecture Design the user experience Develop the user experience Troubleshoot and debug web applications Design and implement security This Microsoft Exam Ref: Organizes its coverage by exam objectives. Features strategic, what-if scenarios to challenge you.

Get Programming: Learn to code with Python teaches you the basics of computer programming using the Python language. In this exercise-driven book, you'll be doing something on nearly every page as you work through 38 compact lessons and 7 engaging capstone projects. By exploring the crystal-clear illustrations, exercises that check your understanding as you go, and tips for what to try next, you'll start thinking like a programmer in no time. This book works perfectly alongside our video course Get Programming with Python in Motion, available exclusively at Manning.com: [www.manning.com/livevideo/get-programming-with-python-in-motion](http://www.manning.com/livevideo/get-programming-with-python-in-motion) Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. What's Inside Programming skills you can use in any language Learn to code—no experience required Learn Python, the language for beginners Dozens of exercises and examples help you learn by doing About the Reader No prior programming experience needed. Table of Contents



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The comprehensive developer guide to the latest  
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Android, 4th Edition shows developers how  
to leverage the latest features of Android to create  
robust and compelling mobile apps. This hands-on  
approach provides in-depth coverage through a  
series of projects, each introducing a new Android

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platform feature and highlighting the techniques and best practices that exploit its utmost functionality. The exercises begin simply, and gradually build into advanced Android development. Clear, concise examples show you how to quickly construct real-world mobile applications. This book is your guide to smart, efficient, effective Android development. Learn the best practices that get more out of Android. Understand the anatomy, lifecycle, and UI metaphor of Android apps. Design for all mobile platforms, including tablets. Utilize both the Android framework and Google Play services.

Prepare for the latest versions of Microsoft Exam 70-483 and help demonstrate your real-world mastery of modern C# programming. Designed for experienced C# developers ready to advance their status, Exam Ref focuses on the critical thinking and decision-making acumen needed for success at the MCSA level. Focus on the expertise measured by these objectives: Manage program flow. Create and use types. Debug applications and implement security. Implement data access. This Microsoft Exam Ref: Organizes its coverage by exam objectives. Features strategic, what-if scenarios to challenge you. Assumes you have experience programming essential business logic with C# for diverse application types, hardware, and software platforms. For details on requirements for taking Exam 70-483 go to <https://www.microsoft.com/en->

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[us/learning/exam-70-483.aspx](http://us/learning/exam-70-483.aspx)

With its comprehensive overview of core technology areas, "MCSD in a Nutshell" is the perfect study guide and resource to help developers master technologies with which they relatively are inexperienced.

Prepare for Microsoft Exam 70-480—and help demonstrate your real-world mastery of programming with HTML5, JavaScript, and CSS3. Designed for experienced developers ready to advance their status, Exam Ref focuses on the critical-thinking and decision-making acumen needed for success at the Microsoft Specialist level. Focus on the expertise measured by these objectives: Implement and manipulate document structures and objects Implement program flow Access and secure data Use CSS3 in applications This Microsoft Exam Ref: Organizes its coverage by exam objectives. Features strategic, what-if scenarios to challenge you.

All-in-One is all you need! This authoritative reference offers complete coverage of all material on MCAD/MCSD Visual C# .NET certification exams 70-315, 70-316, and 70-320. You'll find exam objectives at the beginning of each chapter, helpful exam tips, end-of-chapter practice questions, and photographs and illustrations. The bonus CD-ROM contains a testing engine with questions found only on the CD. This comprehensive guide not only helps

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you pass this challenging exam, but will also serve as an invaluable on-the-job reference.

Pick up where certification exams leave off. With this practical, in-depth guide to the entire network infrastructure, you'll learn how to deal with real

Cisco networks, rather than the hypothetical situations presented on exams like the CCNA.

Network Warrior takes you step by step through the world of routers, switches, firewalls, and other technologies based on the author's extensive field experience. You'll find new content for MPLS, IPv6, VoIP, and wireless in this completely revised second edition, along with examples of Cisco Nexus 5000 and 7000 switches throughout. Topics include:

An in-depth view of routers and routing Switching, using Cisco Catalyst and Nexus switches as examples

SOHO VoIP and SOHO wireless access point design and configuration

Introduction to IPv6 with configuration examples Telecom technologies in the data-networking world, including T1, DS3, frame

relay, and MPLS Security, firewall theory, and configuration, as well as ACL and authentication

Quality of Service (QoS), with an emphasis on low-latency queuing (LLQ) IP address allocation,

Network Time Protocol (NTP), and device failures

Prepare for Microsoft Exam 70-483—and help demonstrate your real-world mastery of

programming in C#. Designed for experienced software developers ready to advance their status,

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Exam Ref focuses on the critical-thinking and decision-making acumen needed for success at the Microsoft Specialist level. Focus on the expertise measured by these objectives: Manage Program Flow Create and Use Types Debug Applications and Implement Security Implement Data Access This Microsoft Exam Ref: Organizes its coverage by exam objectives. Features strategic, what-if scenarios to challenge you.

Discover how to take advantage of the many new features in SharePoint 2010 SharePoint 2010 is a significant leap forward from the 2007 release, and 'you will find that there are a ton of features built into the platform for you to leverage in your solution development. Because SharePoint is a broad platform that covers a lot, this book also covers quite a bit of ground. As a Wrox Beginning book, the goal of Beginning SharePoint 2010 Development is to get you started with many of the fundamentals so that you can continue on to advanced programming beyond this book. The book's goal is to quickly take you from the basics of SharePoint, to installing and configuring a development environment, and then into how you can develop for SharePoint. The book is heavy on coding exercises, but tries to stick to a common set of .NET patterns to ensure you walk away with understanding the different ways in which you can code for SharePoint. Moving from beginning to advanced means that you can expect the

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walkthroughs and chapters to become increasingly more complex within each chapter and throughout the book. The walkthroughs have been created to be concise and to guide you through all of the steps you must accomplish to complete a coding task.

Beginning SharePoint 2010 Development is aimed at the developer who is new to SharePoint. The book assumes you have some programming experience and a passion to learn how to develop for SharePoint. But this book does not assume that you've programmed against SharePoint before. With regard to your general development background, the two assumptions in this book are that you have some familiarity with Web development, and you have an understanding of .NET programming. With regard to Web development, this book assumes that you understand HTML, and may have an understanding of Cascading Style Sheets (CSS), Extensible Markup Language/Extensible Stylesheet Language (XML/XSL), and dynamic languages such as JavaScript. You may have a light understanding of ASP.NET and are looking to apply this knowledge to the SharePoint space. In any case, you have some understanding of the fundamentals of Web and .NET development, and are looking to apply those to the SharePoint space.

This official Microsoft study guide is designed to help users make the most of their study time. This guide includes a CD containing practice tests along with hundreds of questions

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using multiple testing modes.

Students who are beginning studies in technology need a strong foundation in the basics before moving on to more advanced technology courses and certification programs. The Microsoft Technology Associate (MTA) is a new and innovative certification track designed to provide a pathway for future success in technology courses and careers. The MTA program curriculum helps instructors teach and validate fundamental technology concepts and provides students with a foundation for their careers as well as the confidence they need to succeed in advanced studies. Through the use of MOAC MTA titles you can help ensure your students future success in and out of the classroom. This text covers fundamental skills in such areas as Programming and an understanding of general software development, web, desktop, and database applications.

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