| Solution Area Curriculum Series Course Title                                 |  |
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| Area Curriculum Series Course fille  |  |
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| Eskills360 IT  |  |
| SOFTWARE DEVELOPMENT   |  |
| Web Development Technologies   |  |
| Introduction to Ajax Development   |  |
| Ajax Basics  |  |
| Ajax API Essentials  |  |
| Ajax Applications and Server Communication                                   |  |
| Java 2 Programming   |  |
| Java SE7 Fundamentals  |  |
| Java SE7 Fundamentals: Introduction to Java                                  |  |
| Java SE7 Fundamentals: Variables, Operators, and Objects                     |  |
| Java SE7 Fundamentals: Decision Constructs, Arrays, and Loops                |  |
| Java SE7 Fundamentals: Overloading, Validation, and Object-Oriented Concepts |  |
| Java SE7 Fundamentals: Handling Errors and Deploying Applications            |  |
| Java SE 7 New Features   |  |
| Java SE7 New Features: Java Language and Technology Enhancements             |  |
| Java SE7 New Features: I/O, Network, and Desktop Enhancements                |  |
| Java SE7 Professional  |  |
| Java SE7 Professional: Syntax and Class Design                               |  |
| Java SE7 Professional: Generics, Errors, and I/O                             |  |
| Java SE7 Professional: File I/O, Concurrency, JDBC, and Localization         |  |
| Introduction to Java EE 6  |  |

| Solution Area Curriculum Series Course Title                          |
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|   |
| Introduction to Java EE 6   |
| Java Programming with Java SE 6.0                                     |
| Java Programming with Java SE 6.0: Getting Started with Java          |
| Java Programming with Java SE 6.0: Operators and Flow Control in Java |
| Java Programming with Java SE 6.0: Creating Classes in Java           |
| Java Programming with Java SE 6.0: Working with Classes in Java       |
| Java Programming with Java SE 6.0: Generics and Annotations           |
| Java Programming with Java SE 6.0: Reference Types and Threading      |
| Java Programming with Java SE 6.0: Exception Handling and Assertions  |
| Java Programming with Java SE 6.0: Java Utilities                     |
| Java Programming with Java SE 6.0: Java I/O                           |
| Java Programming with Java SE 6.0: Basic GUI Development in Java      |
| Java Programming with Java SE 6.0: Java Applets                       |
| Java Programming with J2SE 5.0  |
|   |
| Java Programming with J2SE 5: Getting Started with Java               |
| Java Programming with J2SE 5: Operators and Flow Control in Java      |
| Java Programming with J2SE 5: Creating Classes in Java                |
| Java Programming with J2SE 5: Working with Classes in Java            |

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|              |                   | Java Programming with J2SE 5: Generics and Annotations                     |
|              |                   | Java Programming with J2SE 5: Reference Types and Threading                |
|              |                   | Java Programming with J2SE 5: Exception Handling and Assertions            |
|              |                   | Java Programming with J2SE 5: Java Utilities                               |
|              |                   | Java Programming with J2SE 5: Java I/O                                     |
|              |                   |  |
|              |                   | Java Programming with J2SE 5: Basic GUI Development in Java                |
|              |                   | Java Programming with J2SE 5: Java Applets                                 |
| Microsoft .N | NET Software Deve | •  |
|              | Micros            | soft .NET Framework 4: Windows Application Development with Visual C# 2010 |
|              |                   | Creating Windows Applications with C# 2010                                 |
|              |                   | Creating User Interfaces for Windows Applications with C# 2010             |
|              |                   | Windows Applications Content Creation and Management with C# 2010          |
|              |                   | Windows Applications Databinding with C# 2010                              |
|              |                   | Customizing and Managing Multithreaded Applications with C# 2010           |
|              |                   | Securing and Deploying WPF Applications with C# 2010                       |
|              | Micros            | soft .NET Framework 3.5: Windows Forms Applications with Visual Basic 2008 |
|              |                   | Windows Forms Creation with Visual Basic 2008                              |
|              |                   | Data Integration with Visual Basic 2008                                    |
|              |                   | Printing, MDI Forms, and Usability with Visual Basic 2008                  |
|              |                   |  |

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| Area     | Curriculum | Series Course Title  |  |
|          |            |  |  |
|          |            |  |  |
|          |            | Custom Controls and Asynchronous Programming with Visual Basic 2008              |  |
|          |            | Application Configuration and Deployment with Visual Basic 2008                  |  |
|          |            | Database Environments and XML Handling with Visual Basic 2008                    |  |
|          | Micros     | osoft .NET Framework 3.5: ADO.NET Application Development with Visual Basic 2008 |  |
|          |            | Getting Started With ADO.NET Connections and Commands                            |  |
|          |            | Managing ADO.NET Connections and Commands with VB 2008                           |  |
|          |            | Getting Started with DataSets using Visual Basic 2008                            |  |
|          |            | Viewing and Navigating Data with ADO.NET DataSets using Visual Basic 2008        |  |
|          |            | Updating ADO.NET DataSets With Visual Basic 2008                                 |  |
|          |            | Using Query Notifications and Synchronizing Data with Visual Basic 2008          |  |
|          |            | The ADO.NET Entity Framework and LINQ  |  |
|          | Micros     | psoft .NET Framework 3.5: ASP.NET Application Development with Visual Basic 2008 |  |
|          |            | Developing Web Applications with Visual Basic 2008 and ASP.NET 3.5               |  |
|          |            | Creating and Consuming Server Controls with Visual Basic 2008 and ASP.NET 3.5    |  |
|          |            | Data and Services Integration with Visual Basic 2008 and ASP.NET 3.5             |  |
|          |            | ASP.NET AJAX and Client-Side Scripting with Visual Basic 2008 and ASP.NET 3.5    |  |
|          |            | XML and Mobile Web Applications with Visual Basic 2008 and ASP.NET 3.5           |  |

| Solution<br>Area | Curriculum     | Series Course Title  |
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| Aica             | Curriculum     | Series Course ricie  |
|                  |                |  |
|                  |                | Configuring and Deploying Web Application with Visual Basic 2008 and ASP.NET 3.5                         |
|                  |                | Comingaring and Dopicying Web Application with Violat Babio 2000 and 7.61 12 1 0.0                       |
|                  |                | Debugging, Tracing, and Monitoring ASP.NET Applications with Visual Basic 2008                           |
|                  |                | Optimization and Customization with Visual Basic 2008 and ASP.NET 3.5                                    |
|                  | Micros         | soft .NET Framework 3.5: Windows Communication Foundation with VB 2008                                   |
|                  |                | Getting Started with WCF   |
|                  |                | WCF Contracts, Behaviors, and Data Management  |
|                  |                | Securing and Managing a WCF Application  |
|                  | Micros         | soft .NET Framework 3.5 and Visual Studio 2008: New Features   |
|                  |                | Introducing .NET 3.5 and Visual Studio 2008  |
|                  |                | Building .NET 3.5 Applications with Visual Studio 2008   |
|                  | Micros<br>2008 | soft .NET Framework 3.5: Windows Worklow Foundation Application Development Foundation with Visual Basic |
|                  |                | Creating, Hosting, and Communication in WF with Visual Basic 2008  |
|                  |                | Activities, Rules, and Conditions in WF with Visual Basic 2008   |
|                  |                | Transactions, Compensations, and Runtime Services in WF with Visual Basic 2008                           |
|                  |                |  |
|                  | Micros         | soft .NET Framework 3.5: Windows Presentation Application Development Foundation with Visual Basic 2008  |
|                  |                | Creating WPF Applications with Visual Basic 2008   |
|                  |                | Creating User Interfaces with WPF and Visual Basic 2008  |
|                  |                | WPF Content Creation and Management with Visual Basic 2008   |
|                  |                | WPF Databinding with Visual Basic 2008   |

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|          |            |                  |  |  |
|          |            |                  | zing and Deploying WPF Applications with Visual Basic 2008   |  |
|          | Micros     |                  | ework: Application Development Foundation with Visual Basic  |  |
|          |            |                  | asic: System Types and Collections   |  |
|          |            |                  | asic: Serialization and I/O  |  |
|          |            |                  | asic: Customized Programming   |  |
|          |            | Visual Ba        | asic: Security   |  |
|          |            | \" ID            |  |  |
|          |            |                  | asic: Threading, Service Processing, and Application Domains   |  |
|          |            |                  | asic: Diagnostics and Management   |  |
|          | Micros     |                  | ework 2.0: Application Development Foundation with C# 2005   |  |
|          |            |                  | S: System Types and Collections  |  |
|          |            | C# 2005:         | i: Serialization and I/O   |  |
|          |            |                  | : Customized Programming   |  |
|          |            | C# 2005:         | S: Security  |  |
|          |            | ••               |  |  |
|          |            |                  | : Threading, Service Processing, and Application Domains   |  |
|          |            | C# 2005:         | i: Diagnostics and Management  |  |
|          |            |                  |  |  |
|          |            |                  |  |  |
|          | Web A      | pplications Deve | velopment with Microsoft .NET Framework 4 using Visual Basic 2010  |  |
|          |            |                  |  |  |
|          |            | Microsoft        | ft .NET Framework 4.0: Web Applications with Visual Studio 2010 and Visual Basic 2010  |  |
|          |            |                  |  |  |
|          |            | Microsoft        | ft .NET Framework 4.0: Web Form Controls with VB 2010  |  |
|          |            | Microsoft        | ft .NET Framework 4.0: Data Integration with VB 2010   |  |
|          |            | IVIICIOSUIL      | IL THE FITTAME WORK 4.0. Data integration with VD 2010   |  |
|          |            | Microsoft        | ft .NET Framework 4.0: Client-Side Scripting and AJAX with VB 2010   |  |
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|                  |            |   |
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|                  |            | Microsoft .NET Framework 4.0: ASP.NET MVC 2 with VB 2010  |
|                  |            | Microsoft .NET Framework 4.0: Configuring and Deploying Web Applications with VB 2010   |
|                  |            | Microsoft .NET Framework 4: Debugging, Tracing and Monitoring Web Applications with VB 2010                                     |
|                  |            | Microsoft .NET Framework 4.0: Web Application Optimization and Customization with VB 2010                                       |
|                  | Micros     | soft .NET Framework 4: Web Application Development with Visual C# 2010  |
|                  |            | Microsoft .NET Framework 4: Web Applications with Visual Studio 2010 and Visual C# 2010   |
|                  |            | Microsoft.NET Framework 4: Web Form Controls with C# 2010   |
|                  |            | Microsoft .NET Framework 4: Data Integration with C# 2010   |
|                  |            | Microsoft .NET Framework 4: Client-Side Scripting and AJAX with C# 2010   |
|                  |            | Microsoft .NET Framework 4: ASP.NET MVC 2 with C# 2010  |
|                  |            | Microsoft .NET Framework 4: Configuring and Deploying Web Applications with C# 2010   |
|                  |            | Microsoft .NET Framework 4: Debugging, Tracing and Monitoring Web Applications with C# 2010                                     |
|                  | 100        | Microsoft .NET Framework 4: Web Application Optimization and Customization with C# 2010   |
|                  | Windo      | ows Communication Foundation Development in C# with Microsoft .NET Framework (70-513)  Getting Started with WCF 4 Using C# 2010 |
|                  |            | Colling Clarical with VVOI 4 Colling On 2010  |
|                  |            | WCF 4 Contracts, Behaviors, and Data Management Using C# 2010   |

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|   |
| Securing and Managing a WCF 4 Application with C# 2010                              |
| Discovery, Routing, and RESTful Services in WCF 4 Applications with C# 2010         |
| Accessing Data with Microsoft .NET Framework for C# Developers (70- 516)            |
| Getting Started with ADO.NET 4 Connections and Commands Using C# 2010               |
| Managing ADO.NET 4 Connections and Commands with C# 2010                            |
| Getting Started with ADO.NET 4 DataSets Using C# 2010                               |
| Viewing and Navigating Data with ADO.NET 4 DataSets Using C# 2010                   |
| Updating ADO.NET DataSets with C# 2010  |
| Synchronizing Data and Managing ADO.NET 4 Applications with C# 2010                 |
| Working with the ADO.NET Entity Framework 4 Using C# 2010                           |
| Using LINQ and XML with ADO.NET 4 and C# 2010                                       |
| Microsoft .NET Framework 4: Windows Communication Foundation with Visual Basic 2010 |
| Getting Started with WCF 4 using VB 2010  |
| WCF 4 Contracts, Behaviors, and Data Management Using Visual Basic 2010             |
| Securing and Managing a WCF 4 Application with Visual Basic 2010                    |
| Discovery, Routing, and RESTful Services in WCF 4 Applications with VB 2010         |
| Microsoft .NET Framework 4: Accessing Data with Visual Basic 2010                   |
| Getting Started with ADO.NET 4 Connections and Commands Using Visual Basic 2010     |

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| Alea             | Currentin Series Course ritle  |
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|                  |  |
|                  | Managing ADO.NET 4 Connections and Commands with Visual Basic 2010                 |
|                  | Getting Started with ADO.NET 4 DataSets using Visual Basic 2010                    |
|                  | Updating ADO.NET DataSets with Visual Basic 2010                                   |
|                  | Viewing and Navigating Data with ADO.NET 4 DataSets using Visual Basic 2010        |
|                  | Synchronizing Data and Managing ADO.NET 4 Applications with Visual Basic 2010      |
|                  | Working with the ADO.NET Entity Framework 4 using Visual Basic 2010                |
|                  | Using LINQ and XML with ADO.NET 4 and Visual Basic 2010                            |
|                  |  |
|                  | Microsoft .NET Framework 4: Windows Application Development with Visual Basic 2010 |
|                  | Windows Application Development with Visual Basic 2010                             |
|                  | Creating User Interfaces for Windows Applications with Visual Basic 2010           |
|                  | Windows Applications Content Creation and Management with Visual Basic 2010        |
|                  | Windows Applications Databinding with Visual Basic 2010                            |
|                  | Customizing and Managing Multithreaded Applications with Visual Basic 2010         |
|                  | Securing and Deploying WPF Applications with Visual Basic 2010                     |

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| Area        | Curriculum      | Series Course Title                                       |
|             |                 |   |
|             |                 |   |
|             | Micros          | oft .NET: An Overview                                     |
|             |                 | .NET Overview: Windows, Web, and the Cloud                |
| Generic Lar | nguages         |   |
|             | C++ pr          | ogramming   |
|             |                 | C++ Programming: Structured Programming                   |
|             |                 | C++ Programming: Classes and Data Abstraction             |
|             |                 | C++ Programming: Manipulating Objects                     |
|             |                 | C++ Programming: Overloading                              |
|             |                 | C++ Programming: Files and Streams                        |
|             |                 | C++ Programming: Programming Techniques                   |
|             |                 | Final Exam: C++ programming                               |
|             | ANSI (          | C Programming   |
|             |                 | ANSI C Programming: Introducing C                         |
|             |                 | ANSI C Programming: Data Representation                   |
|             |                 | ANSI C Programming: Functions                             |
|             |                 | ANSI C Programming: Expressions                           |
|             |                 | ANSI C Programming: Flow Control                          |
|             |                 | ANSI C Programming: Text Processing                       |
|             |                 | ANSI C Programming: Processing Records                    |
|             |                 | ANSI C Programming: Pointers                              |
|             |                 | ANSI C Programming: The Standard Library and Preprocessor |
|             |                 | Final Exam: ANSI C Programming                            |
|             | Perl Pi         | ogramming Fundamentals                                    |
|             |                 | Perl Language Fundamentals                                |
|             |                 | Starting to Program with Perl                             |
| Software Pr | ogramming Funda |   |
|             |                 | are Programming Fundamentals                              |
|             |                 | Getting Started with Software Programming                 |

| Solution<br>Area Curricu | lum Series Course Title  |
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| Area carried             | Turn Series Course Here  |
|                          |  |
|                          |  |
|                          | Introduction to Software Program Design                            |
|                          | Software Program Control Flow Fundamentals                         |
| Software Development     | <u> </u>   |
|                          | Agile Software Development   |
|                          | Introducing Agile Software Development                             |
|                          | Planning an Agile Software Development Project                     |
|                          | Managing Agile Software Development                                |
|                          | Agile Programming and Testing                                      |
|                          | Best Practices for Software Programming                            |
|                          | General Coding Best Practices                                      |
|                          | Maintaining Quality Code   |
|                          | Object-oriented Coding Best Practices                              |
|                          | Programming Techniques and Strategies                              |
|                          | Developing a User-Centered Software Design Approach                |
|                          | Introducing User-Centered Design                                   |
|                          | Developing an Application Using User-Centered Design               |
|                          | The Iterative Process in User-Centered Design                      |
|                          | Practical Examples of User-Centered Design                         |
| Software Testing Found   | dations  |
|                          | Software Testing Foundations                                       |
|                          | Fundamentals of Software Testing                                   |
|                          | Testing Throughout the Software Life Cycle                         |
|                          | Static Techniques and Test Design in Software Testing              |
|                          | Black-Box Software Testing Techniques                              |
|                          | White-Box Software Testing Techniques                              |
|                          | Software Test Management   |
|                          | Configuration Management, Risks, and Incidents in Software Testing |
|                          | Tool Support in Software Testing                                   |

| Solution<br>Area | Curriculum | Series Course Title  |
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| 7 0              |            |  |
|                  |            |  |
| Mentoring A      | ssets      |  |
|                  | Mentor     | ing Assets   |
|                  |            | Mentoring 1Z0-853 Java Standard Edition 5 Programmer                     |
|                  |            | Mentoring 1Z0-851 Java Standard Edition 6 Programmer                     |
|                  |            | Mentoring 70-515 VB - TS: Web Applications Development with .NET 4       |
|                  |            | Mentoring 70-513 C# - TS: Windows Communication Foundation with .NET 4   |
|                  |            | Mentoring 70-515 C# - TS: Web Applications Development with .NET 4       |
|                  |            | Mentoring 70-516 C# - TS: Accessing Data with Microsoft .NET Framework 4 |
|                  |            | Mentoring 70-511 C# - TS: Windows Applications Development with .NET 4   |
|                  |            | Mentoring 70-513 VB - TS: Windows Communication Foundation with .NET 4   |
|                  |            | Mentoring 70-516 VB - TS: Accessing Data with Microsoft .NET Framework 4 |
|                  |            | Mentoring 70-511 VB - TS: Windows Applications Development with .NET 4   |
|                  |            | Mentoring 1Z0-804 Java SE 7 Programmer II                                |
|                  |            | Mentoring 70-480 Programming in HTML5 with JavaScript and CSS3           |
|                  |            | Mentoring BH0-010 Certified Tester Foundation Level                      |
|                  |            | Mentoring 1Z0-803 Java SE 7 Programmer I                                 |
| Test Preps       | To at Do   |  |
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| Area Curriculum            | Series Course Title  |
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|                            | Total Days 470 050 days Control Edition 5 Days and a second secon |
|                            | TestPrep 1Z0-853 Java Standard Edition 5 Programmer  |
|                            | TestPrep 1Z0-851 Java Standard Edition 6 Programmer  |
|                            | TestPrep 70-515 VB - TS: Web Applications Development with .NET 4  |
|                            | TestPrep 70-515 C# - TS: Web Applications Development with .NET 4  |
|                            | TestPrep 70-513 C# - TS: Windows Communication Foundation with .NET 4  |
|                            | TestPrep 70-516 C# - TS: Accessing Data with Microsoft .NET Framework 4  |
|                            | TestPrep 70-511 C# - TS: Windows Applications Development with .NET 4  |
|                            | TestPrep 70-513 VB - TS: Windows Communication Foundation with .NET 4  |
|                            | TestPrep 1Z0-803 Java SE 7 Programmer I  |
|                            | TestPrep 70-511 VB - TS: Windows Applications Development with .NET 4  |
|                            | TestPrep 1Z0-804 Java SE 7 Programmer II   |
|                            | TestPrep 70-480 Programming in HTML5 with JavaScript and CSS3  |
|                            | TestPrep 70-516 VB - TS: Accessing Data with Microsoft .NET Framework 4  |
| OPERATING SYSTEMS AND SERV | ER TECHNOLOGIES  |
| CompTIA A+                 |  |
| CompT                      | IA A+ 220-801  |
|                            | CompTIA A+ 220-801: BIOS and Motherboards  |
|                            | CompTIA A+ 220-801: Memory, Expansion Cards and Storage Devices  |

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|          |            |  |
|          |            | CompTIA A+ 220-801: CPUs, Connections, and Power Supplies                    |
|          |            |  |
|          |            | CompTIA A+ 220-801: Configurations, Displays, Connectors, & Peripherals      |
|          |            | OccupaTIA A coop ood Mark and Ood Fan ID A Librarian Body and Brothands      |
|          |            | CompTIA A+ 220-801: Network Cabling, IP Addressing, Ports, and Protocols     |
|          |            | CompTIA A + 220-801: Networking Technologies                                 |
|          |            | CompTIA A + 220-801: Networking Devices and Tools                            |
|          |            | CompTIA A + 220-801: Laptops   |
|          |            | CompTIA A+ 220-801: Printers   |
|          | Camm       | CompTIA A+ 220-801: Operational Procedures                                   |
|          | Comp       | TIA A+ 220-802   |
|          |            | CompTIA A+ 220-802: Introducing Microsoft Windows                            |
|          |            | CompTIA A+ 220-802: Installing and Configuring Windows                       |
|          |            | CompTIA A+ 220-802: Optimizing Windows                                       |
|          |            | CompTIA A+ 220-802: Managing Windows   |
|          |            | CompTIA A+ 220-802: Security and Data Disposal                               |
|          |            | CompTIA A+ 220-802: Mobile Devices   |
|          |            | CompTIA A+ 220-802: System Troubleshooting                                   |
|          |            | CompTIA A+ 220-802: General Troubleshooting                                  |
|          | Comp       | TIA A+ 2009 Essentials   |
|          |            | A+ Essentials 2009: Computer Hardware Components                             |
|          |            | <u>'</u>   |
|          |            | A+ Essentials 2009: Configuring Displays, Peripherals, Laptops, and Printers |
|          |            | As Free Walt 2000 To Harlandar Organ I Bridge                                |
|          |            | A+ Essentials 2009: Troubleshooting Computers and Printers                   |
|          |            | A+ Essentials 2009: Operational Procedures and Preventative Maintenance      |
|          |            | AT Loopiniaio 2003. Operational Frocedures and Freventative ivialintendrice  |

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| Area       | Curriculum | Series Course Title   |  |
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|            |            |   |  |
|            |            | A+ Essentials 2009: Installing Windows Operating Systems (Windows 7 update)     |  |
|            |            | A+ Essentials 2009: Using and Managing Windows (Windows 7 update)               |  |
|            |            | A+ Essentials 2009: Security and Network Fundamentals (IPv6 update)             |  |
|            |            |   |  |
|            |            |   |  |
|            | Comp       | TIA A+ 2009 Practical Application   |  |
|            |            | A. Drastical Application 2000: Developed Computer Company                       |  |
|            |            | A+ Practical Application 2009: Personal Computer Components                     |  |
|            |            | A+ Practical Application 2009: Troubleshooting Hardware                         |  |
|            |            | A+ Practical Application 2009: Maintaining Networks                             |  |
|            |            | A+ Practical Application 2009: Security   |  |
|            |            |   |  |
|            |            | A+ Practical Application 2009: Maintaining Operating Systems (Windows 7 update) |  |
| CompTIA Se |            | TIA 0   |  |
|            | Comp       | TIA Server+ 2009  |  |
|            |            | CompTIA Servery 2000: System Hardware   |  |
|            |            | CompTIA Server+ 2009: System Software   |  |
|            |            | CompTIA Server+ 2009: Server Functions and Network Essentials                   |  |
|            |            | CompTIA Server+ 2009: Storage   |  |
|            |            | CompTIA Server+ 2009: IT Environment  |  |
|            |            | CompTIA Server+ 2009: Disaster Recovery   |  |
|            |            | CompTIA Server+ 2009: Troubleshooting   |  |

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|             |                     | CompTI         | Server+ 2009: Network and Storage Troubleshooting     |               |
| Microsoft S | harePoint Server 20 |                | <u> </u>  |               |
|             | Micros              | oft SharePoint | 2010: Configuring                                     |               |
|             |                     | Installing     | and Configuring Microsoft SharePoint 2010             |               |
|             |                     | Core Co        | figuration for SharePoint 2010                        |               |
|             |                     | Upgradi        | g to Microsoft SharePoint 2010                        |               |
|             |                     | 0 - 15 -       | A Latinia and Company Company Company                 |               |
|             |                     |                | ng and Administrating SharePoint 2010 Search          |               |
|             |                     | Configui       | ng Web Applications for SharePoint 2010               |               |
|             |                     | SharePo        | nt 2010 Authentication and Web Application Security C | Configuration |
|             |                     | Configu        | ng SharePoint 2010 Site Collections                   | <u> </u>      |
|             |                     | Managir        | SharePoint 2010 Features and Solutions                |               |
|             |                     | SharePo        | nt 2010 Operational Health                            |               |
|             |                     | SharePo        | nt 2010 Performance                                   |               |
|             | Micros              | oft SharePoint | 2010: Administration                                  |               |
|             |                     | Designir       | g a SharePoint 2010 Physical Architecture             |               |
|             |                     | <u> </u>       |   |               |
|             |                     |                | nt 2010 Logical Design and Sandbox Solutions          |               |
|             |                     | SharePo        | nt 2010 Deployment Topology and Availability          |               |
|             |                     | Planning       | SharePoint 2010 Service Applications and Component    | Strategy      |
|             |                     |                | a SharePoint 2010 Upgrade                             | . Oracogy     |
|             |                     |                | g SharePoint 2010 Security                            |               |
|             |                     |                | nt 2010 Maintenance and Provisioning                  |               |
|             |                     | Б              | I B   |               |
|             |                     |                | Jp, Restoring, and Monitoring SharePoint 2010         |               |
|             |                     | Pianning       | for Search in SharePoint 2010                         |               |

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|          |            |                 |   |   |
|          |            |                 | pint 2010 Content Management, Social Computing, and Collaboration     |   |
|          | Design     |                 | oping Microsoft SharePoint 2010 Applications                          |   |
|          |            | Data Acc        | cess and Storage in SharePoint 2010                                   |   |
|          |            | Developn        | ment Models and Methods in SharePoint 2010                            |   |
|          |            | _               |   |   |
|          |            | Presenta        | ation Layers and Components in SharePoint 2010                        |   |
|          |            | A IAY the       | ne SharePoint Ribbon, and Content Type Development in SharePoint 2010 |   |
|          |            |                 | Branding and Navigation for SharePoint 2010                           |   |
|          |            |                 | ion Design and Security in SharePoint 2010                            |   |
|          |            | Application     | ion besign and Security in SharePoint 2010                            |   |
|          |            | Performa        | ance Analysis and Debugging in SharePoint 2010                        |   |
|          |            | Integratio      | on and Data Capture Methodologies with SharePoint 2010                |   |
|          |            |                 |   |   |
|          |            | Informatio      | tion Architecture and Workflow Solutions in SharePoint 2010           |   |
|          |            | Regional        | l Settings and Configuration in SharePoint 2010                       |   |
|          | Micros     | soft SharePoint | 2010: Application Development   |   |
|          |            | 0               | · · · · · · · · · · · · · · · · · · ·                                 |   |
|          |            |                 | izing the SharePoint 2010 User Interface Programmatically             |   |
|          |            | Developii       | ing SharePoint 2010 Web Parts and Controls                            |   |
|          |            | Developir       | ing Business Logic Using SharePoint 2010 Workflows and ECM            |   |
|          |            | Вотоюрії        | mig 245middd 25gid ddinig dhardr dink 2010 fformiond and 20m          |   |
|          |            | Programr        | nmatically Working with Permissions and BCS in SharePoint 2010        |   |
|          |            | Working \       | With SharePoint 2010 Data   |   |
|          |            | SharePoi        | pint Server 2010 Object Model   |   |
|          |            |                 |   |   |

| Solution | Commissoloma | Carias           | Course Title  |
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| Area     | Curriculum   | Series           | Course Title  |
|          |              |                  |   |
|          |              |                  |   |
|          |              |                  | nt 2010 Features and Solutions                                    |
|          |              | SharePoin        | nt 2010 Site Branding   |
|          |              | Extending        | SharePoint 2010 Search and Document Namespaces                    |
|          |              | Stabilizing      | and Deploying SharePoint 2010 Components                          |
|          | Micros       | oft Exchange Se  | erver 2010 SP1: Configuring                                       |
|          |              | Exchange         | Server 2010 SP1: Planning for Exchange Server                     |
|          |              | Exchange         | Server 2010 SP1: Installation and Configuration                   |
|          |              | Exchange         | Server 2010 SP1: Administrative Tools                             |
|          |              | Exchange         | Server 2010 SP1: Mailbox Server Administration                    |
|          |              | Exchange         | Server 2010 SP1: Public Folders and Messaging Records Management  |
|          |              | Exchange         | Server 2010 SP1: Message Transport                                |
|          |              | Exchange         | Server 2010 SP1: Transport Rules, Message Compliance and Security |
|          |              |                  | Server 2010 SP1: Client Access                                    |
|          |              |                  | Server 2010 SP1: High Availability                                |
|          |              | Exchange         | Server 2010 SP1: Backup and Recovery                              |
|          |              | Exchange         | Server 2010 SP1: Monitoring Mail Flow and Performance             |
|          | Micros       | oft SharePoint 2 | 010 SP1: Administration   |
|          |              | Sharepoin        | nt 2010 SP1: Designing the Physical Architecture                  |
|          |              | SharePoin        | nt 2010 SP1: Logical Design and Sandbox Solutions                 |

| Solution Commissions Contract |     |
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| Area Curriculum Series Course Title   |     |
|   |     |
| SharePoint 2010 SP1: Deployment Topology and Availability   |     |
| SharePoint 2010 SP1: Planning Service Applications and Component Strategy   |     |
| Sharepoint 2010 SP1: Planning a SharePoint 2010 SP1 Upgrade   |     |
| Sharepoint 2010 SP1: Designing Security   |     |
| SharePoint 2010 SP1: Maintenance and Provisioning   |     |
| Sharanaint 2010 SD1: Backing Up, Postaring, and Manitoring  |     |
| Sharepoint 2010 SP1: Backing Up, Restoring, and Monitoring  |     |
| Sharepoint 2010 SP1: Planning for Search  |     |
| SharePoint 2010 SP1: Content Management, Social Computing, and Collaborat   | ion |
| Microsoft SharePoint Server 2010 SP1: Configuring   |     |
| Sharepoint 2010 SP1: Installation and Configuration   |     |
| Sharepoint 2010 SP1: Core Configuration   |     |
| Sharepoint 2010 SP1: Upgrading to SharePoint 2010 SP1   |     |
| Sharepoint 2010 SP1: Configuring and Administering Search   |     |
| Sharepoint 2010 SP1: Configuring Web Applications   |     |
| Chana Daint 2040 CD4, Authorities and Wah Anglication Constitution  | _   |
| SharePoint 2010 SP1: Authentication and Web Application Security Configuration  | on  |
| Sharepoint 2010 SP1: Configuring Site Collections   |     |
| Sharepoint 2010 SP1: Managing Features and Solutions  |     |
| SharePoint 2010 SP1: Operational Health   |     |
| SharePoint 2010 SP1: Performance  |     |
| SharePoint Online   |     |

| Solution      |                     |   |
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| Area          | Curriculum          | Series Course Title   |
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| Microsoft S   | harePoint Server 20 | 007   |
| WIICIOSOIL 3  |                     | soft Office SharePoint Server 2007 Administration                         |
|               |                     | Implementing Microsoft Office SharePoint Server 2007                      |
|               |                     | Implementally interest emiss emiss emit estimates                         |
|               |                     | Configuring Microsoft Office SharePoint Server 2007 Content Management    |
|               |                     |   |
|               |                     | Configuring Microsoft Office SharePoint Server 2007 Business Forms        |
|               |                     |   |
|               |                     | Configuring Microsoft Office SharePoint Server 2007 Business Intelligence |
|               |                     |   |
|               |                     | Managing Microsoft Office SharePoint Server 2007 Administration           |
|               |                     | Upgrading to Microsoft Office SharePoint Server 2007                      |
|               | Micros              | soft Office Sharepoint Server 2007 Application Development                |
|               |                     | Managing Enterprise Content with MOSS 2007                                |
|               |                     | Integrating Business Data using MOSS 2007                                 |
|               |                     | Creating Business Intelligence Solutions with MOSS 2007                   |
|               |                     | Application Platform Services within MOSS 2007                            |
|               |                     | Searching Data Using MOSS 2007  |
|               |                     | Targeting and Customizing with MOSS 2007                                  |
| IT Profession | onal                |   |
|               |                     | soft Exchange Server 2007 Admin   |
|               |                     | Preparing the Exchange Server 2007 Infrastructure                         |
|               |                     | Installing and Transitioning to Exchange Server 2007                      |
|               |                     | Managing Exchange Server 2007   |
|               |                     |   |

| Solution      |                 |   |
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| Area          | Curriculum      | Series Course Title   |
|               |                 |   |
|               |                 |   |
|               |                 |   |
|               |                 | Managing Default, Custom, and Public Folders in Exchange Server 2007        |
|               |                 | Connectors, Transport Rules, and Message Compliance in Exchange Server 2007 |
|               |                 | Accessing Exchange Server 2007 Remotely                                     |
|               |                 | Data Protection in Exchange Server 2007                                     |
|               |                 | Disaster Recovery with Exchange Server 2007                                 |
|               |                 | Monitoring and Security in Exchange Server 2007                             |
|               |                 | Configuring Outlook 2007 for Exchange Server 2007                           |
|               | Micros          | oft Windows Vista Enterprise Support  |
|               |                 | Windows Vista Deployment  |
|               |                 | Troubleshooting Windows Vista Deployments                                   |
|               |                 | Configuring and Troubleshooting Windows Vista Security                      |
|               |                 | Configuring and Troubleshooting User Access on Windows Vista                |
|               |                 | Managing and Troubleshooting Windows Vista Systems                          |
|               |                 | Troubleshooting Windows Vista Performance and Reliability                   |
|               |                 | Configuring and Troubleshooting Windows Vista Networking                    |
|               |                 | Maintaining and Supporting Applications on Windows Vista                    |
| Microsoft Sys | tem Center Esse |   |
|               | Micros          | oft System Center Essentials: installation and Configuration                |
|               |                 |   |
|               |                 | Installing and Configuring System Center Essentials 2010                    |

| Solution     | Curriculum | Sovies Course Title  |
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| Area         | Curriculum | Series Course Title  |
|              |            |  |
|              |            |  |
|              |            | Managing Computers, Devices, and Updates in System Center Essentials 2010                |
|              |            | Monitoring and Using Reports in System Center Essentials 2010                            |
|              |            | Virtualization Management in Essentials 2010   |
|              |            | Backing up, Restoring, and Troubleshooting Essentials 2010                               |
| Microsoft .l |            |  |
|              | Microsof   | ft Windows Server 2003: Introduction   |
|              |            | Installing Windows Server 2003   |
|              |            | Windows Server 2003 Administration and Services Support                                  |
|              | Microsof   | ft Windows Server 2003: Upgrading Support Skills for MCSEs on Windows 2000               |
|              |            | Planning, Implementing, and Maintaining Network Infrastructure                           |
|              |            | Network Infrastructure and topologies for Windows 2003 Enterprise networks               |
|              |            | Designing and Managing Internet Connectivity in Windows 2003                             |
|              |            | Planning and Designing an Active Directory Infrastructure                                |
|              |            | Implementing and Supporting Active Directory Infrastructure                              |
|              |            | Planning, Implementing and Maintaining User, Computer, and Group Policies and Strategies |
|              |            | Planning and Designing a Security Infrastructure   |
|              | Microsof   | ft Windows Server 2003: Updating Support Skills for MCSAs on Windows 2000                |
|              |            | Getting Started with Windows Server 2003   |
|              |            | System Administration in Windows Server 2003   |
|              |            |  |

| Solution Area Curriculum Series Course Title  |
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| Area Curriculum Series Course Title   |
|   |
| Managing Windows Server 2003 Internet Services  |
| Windows Server 2003 Terminal Services and System Recovery                                       |
| Microsoft Windows Server 2003: Managing and Maintaining the Server Environment                  |
| Windows Server 2003: Basic Concepts   |
| Windows Comes 2000 Managing House Comes and Comes for   |
| Windows Server 2003: Managing Users, Groups, and Computers                                      |
| Windows Server 2003: Managing Resource Access   |
| Windows Server 2003: Managing Hardware, Disks, and Logical Devices                              |
| Windows Server 2003: Managing the Server Environment  |
| Windows Server 2003: Managing Disaster Recovery   |
| Microsoft Windows Server 2003: Implementing, Managing, and Maintaining a Network Infrastructure |
| Windows Server 2003: Implementing, Managing, and Maintaining TCP/IP                             |
| Windows Server 2003: Implementing, Managing, and Maintaining DHCP                               |
| Windows Server 2003: Implementing, Managing, and Maintaining Name Resolution                    |
| Windows Server 2003: Implementing, Managing, and Maintaining Network Security                   |
| Windows Server 2003: Implementing, Managing, and Maintaining Remote Access                      |
| Windows Server 2003: Implementing, Managing, and Maintaining Routing                            |
| Windows Server 2003: Maintaining a Network Infrastructure                                       |
| Microsoft Windows Server 2003: Planning and Maintaining a Network Infrastructure                |

| Solution |            |               |   |                                     |
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| Area     | Curriculum | Series        | Course Title  |                                     |
|          |            |               |   |                                     |
|          |            |               |   |                                     |
|          |            | Windows       | Server 2003: Planning the Network Infrastructure      |                                     |
|          |            | Windows       | Server 2003: Planning for Name Resolution             |                                     |
|          |            | Windows       | Server 2003: Implementing Routing and Remote Acces    | s                                   |
|          |            |               | Server 2003: Planning for Network Availability        | -                                   |
|          |            |               |   |                                     |
|          |            | Windows       | Server 2003: Planning Server Roles and Server Securit | ty                                  |
|          |            | Windows       | Server 2003: Planning a Security Infrastructure       |                                     |
|          | Micros     | oft Windows S | erver 2003: Planning, Implementing, and Maintaining   | the Active Directory Infrastructure |
|          |            | Planning      | and Implementing an Active Directory Infrastructure   |                                     |
|          |            |               | Active Directory Services                             |                                     |
|          |            |               | rectory Sites, Replication, and Trusts                |                                     |
|          |            | Impleme       | nting Active Directory Users and Groups               |                                     |
|          |            | Planning      | and Implementing Group Policy                         |                                     |
|          |            | Configur      | ng and Troubleshooting Group Policy                   |                                     |
|          | Micros     | oft Windows S | erver 2003: Designing an Active Directory and Netwo   | ork Infrastructure                  |
|          |            |               |   |                                     |
|          |            | Microsof      | Windows Server 2003: Designing the Infrastructure     |                                     |
|          |            | Microsof      | Windows Server 2003: Creating the Design              |                                     |
|          |            |               |   |                                     |
|          |            | Microsof      | Windows Server 2003: The Network Services Infrastruc  | cture Conceptual and Logical Design |
|          |            | Microsof      | Windows Server 2003: Designing RAS Services for the   | Network Infrastructure              |
|          |            | NAT           | Minds of Control Control                              | . Binder Blockel Back               |
|          |            | Microsof      | Windows Server 2003: Network Infrastructure and Activ | ve Directory Physical Design        |

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| Area        | Curriculum   | Series         | Course Title   |  |
|             |              |                |  |  |
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|             |              |                |  |  |
|             |              | Microsoft      | t Windows Server 2003: Network Infrastructure Physical Design II - Internet Connectivity |  |
|             | Micros       | oft Windows Se | erver 2003: Designing Security for Networks  |  |
|             |              | Windows        | s Server 2003: Security Basics   |  |
|             |              | Windows        | s Server 2003: Logical Network Security  |  |
|             |              | Windows        | s Server 2003: Securing Clients  |  |
|             |              | Windows        | s Server 2003: Physical Network Security   |  |
|             |              | Windows        | s Server 2003: Securing Data and Server Roles  |  |
|             |              | Windows        | s Server 2003: IIS Security and Firewalls  |  |
|             | Micros       | oft Windows .N | IET Server: Migrating from Microsoft NT Server to .NET Directory Services                |  |
|             |              | Creating       | a Migration Plan in Windows .NET Server  |  |
|             |              | Preparing      | g and Deploying a Domain Upgrade in Windows .NET   |  |
|             |              |                |  |  |
|             |              | Preparing      | g and Deploying a Domain Restructure in Windows .NET                                     |  |
| Microsoft W | indows Vista |                |  |  |
|             | Micros       |                | ista Client Configuration  |  |
|             |              |                | Windows Vista  |  |
|             |              |                | e Windows Vista Environments   |  |
|             |              |                | s Vista Users and Groups   |  |
|             |              |                | in Windows Vista   |  |
|             |              |                | s Vista Network Connectivity   |  |
|             |              |                | ing Windows Vista Applications   |  |
|             |              |                | s Vista Maintenance and Optimization   |  |
|             |              | Windows        | s Vista Mobile Computing and Troubleshooting   |  |
| Windows 8   |              |                |  |  |
|             | Micros       | oft Windows 8: | : Configuration  |  |

| Solution            | Sovies Course Title  |
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| Area Curriculum     | Series Course Title  |
|                     |  |
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|                     |  |
|                     | Microsoft Windows 8 - Configuring: Getting Started with Windows 8        |
|                     | Microsoft Windows 8 - Configuring: Installation Components               |
|                     |  |
|                     | Microsoft Windows 8 - Configuring: User Accounts and Policies            |
|                     | Microsoft Windows O. Configuring, Configuring Hoor Applications          |
|                     | Microsoft Windows 8 - Configuring: Configuring User Applications         |
|                     | Microsoft Windows 8 - Configuring: Accessing User Data                   |
|                     |  |
|                     | Microsoft Windows 8 - Configuring: Sharing and Securing User Data        |
|                     | Microsoft Windows 8 - Configuring: Devices and Disks                     |
|                     |  |
|                     | Microsoft Windows 8 - Configuring: Networking Configuration and Security |
|                     | Microsoft Windows 8 - Configuring: Optimization and Performance          |
|                     | Microsoft Windows o Goringaning. Optimization and Fortomance             |
|                     | Microsoft Windows 8 - Configuring: System Management and Recovery        |
| Microsoft Windows 7 | , , , , , , , , , , , , , , , , , , ,                                    |
| Mic                 | rosoft Windows 7: First Look for IT Professionals                        |
|                     | Microsoft Windows 7: First Look for IT Professionals                     |
| Mic                 | rosoft Windows 7: Configuration  |
|                     | Installing, Upgrading, and Migrating to Windows 7                        |
|                     | Deploying Windows 7  |
|                     | Configuring Hardware and Applications in Windows 7                       |
|                     | Configuring Network Connectivity in Windows 7                            |
|                     | Configuring Access to Resources in Windows 7                             |
|                     | Configuring Mobile Computing in Windows 7                                |

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| Area        | Curriculum         | Series Course Title   |  |
|             |                    |   |  |
|             |                    |   |  |
|             |                    |   |  |
|             |                    | Monitoring, Backing Up, and Restoring Windows 7 Systems                     |  |
|             | Micros             | soft Windows 7: Enterprise Desktop Administrator                            |  |
|             |                    | Planning for Windows 7 Deployment   |  |
|             |                    | Determining Application Compatibility for Windows 7                         |  |
|             |                    | Creating a Standard Image to Deploy Windows 7                               |  |
|             |                    | Deploying Windows 7 Using WDS and USMT                                      |  |
|             |                    | Deploying Windows 7 Using Lite-Touch Installation                           |  |
|             |                    | Deploying Windows 7 Using Zero-Touch Installation                           |  |
|             |                    | Designing Windows 7 Client Configuration                                    |  |
|             |                    | Troubleshooting Windows 7 Client Configuration                              |  |
|             |                    |   |  |
|             |                    | Designing Application and Update Deployments for Windows 7                  |  |
|             | Micros             | soft Windows 7: Enterprise Desktop Support Technician                       |  |
|             |                    |   |  |
|             |                    | Identifying and Resolving Windows 7 Application Issues                      |  |
|             |                    | Management and Maintenance of Windows 7 Client Systems                      |  |
|             |                    | Management and Maintenance of Windows 7 Cheft Systems                       |  |
|             |                    | Troubleshooting Logon and Resource Access Issues in Windows 7               |  |
|             |                    | Resolving Windows 7 Network Connectivity Issues                             |  |
|             |                    | ·   |  |
|             |                    | Troubleshooting IE8 and Encryption Issues in Windows 7                      |  |
|             |                    |   |  |
|             |                    | Protecting Windows 7 Against Malware and Vulnerabilities                    |  |
| Microsoft W | /indows Server 201 |   |  |
|             | Micros             | soft Windows Server 2012: Installing and Configuring                        |  |
|             |                    |   |  |
|             |                    | Microsoft Windows Server 2012 - Installing and Configuring: Getting Started |  |
|             |                    |   |  |

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| Area     | Curriculum | Series Course Title  |
|          |            |  |
|          |            |  |
|          |            | Microsoft Windows Server 2012 - Installing and Configuring: Storage Management         |
|          |            | Microsoft Windows Server 2012 - Installing and Configuring: Shares & Permissions       |
|          |            | Microsoft Windows Server 2012 - Installing and Configuring: Storage and Printing       |
|          |            | Microsoft Windows Server 2012 - Installing and Configuring: Hyper-V                    |
|          |            | Microsoft Windows Server 2012 - Installing and Configuring: Virtualization             |
|          |            | Microsoft Windows Server 2012 - Installing and Configuring: IPv4, CIDR, and IPv6       |
|          |            | Microsoft Windows Server 2012 - Installing and Configuring: DHCP Configuration         |
|          |            | Microsoft Windows Server 2012 - Installing and Configuring: DNS Configuration          |
|          |            | Microsoft Windows Server 2012 - Installing and Configuring: Active Directory           |
|          |            | Microsoft Windows Server 2012 - Installing and Configuring: AD Configuration           |
|          |            | Microsoft Windows Server 2012 - Installing and Configuring: AD Accounts & Empty Groups |
|          |            | Microsoft Windows Server 2012 - Installing and Configuring: Group Policies             |
|          |            | Microsoft Windows Server 2012 - Installing and Configuring: Security                   |
|          | Micros     | soft Windows Server 2012: Administration   |
|          |            | Microsoft Windows Server 2012 – Administering: WDS and Monitoring                      |

| Solution Area Curriculum Series Course Title                                     |  |
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|  |  |
| Microsoft Windows Server 2012 – Administering: WSUS                              |  |
| Microsoft Windows Server 2012 – Administering: DFS and FSRM                      |  |
| Microsoft Windows Server 2012 – Administering: BitLocker, EFS, and Auditing      |  |
| Microsoft Windows Server 2012 – Administering: DNS                               |  |
| Microsoft Windows Server 2012 – Administering: RADIUS, NPS, and NAP              |  |
| Microsoft Windows Server 2012 – Administering: Service Accounts                  |  |
| Microsoft Windows Server 2012 – Administering: WDC, FSMO, and Virtual DC Cloning |  |
| Microsoft Windows Server 2012 – Administering: RODC and Password Policies        |  |
| Microsoft Windows Server 2012 – Administering: Backup and Recovery               |  |
| Microsoft Windows Server 2012 – Administering: Policies and Templates            |  |
| Microsoft Windows Server 2012 – Administering: GPO Manipulation and Processing   |  |
|  |  |
| Microsoft Windows Server 2012: Configuring Advanced Services                     |  |
|  |  |
| Microsoft Windows Server 2012 – Configuring Advanced Services: NLB & Clustering  |  |
| Microsoft Windows Server 2012 – Configuring Advanced Services: VM Clusters & DR  |  |

| Solution                      | Course Title   |
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| Area Curriculum S             | Series Course Title  |
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|                               |  |
|                               | Microsoft Windows Server 2012 – Configuring Advanced Services: Storage                 |
|                               | Microsoft Windows Server 2012 – Configuring Advanced Services: Forests & Domains       |
|                               | Microsoft Windows Server 2012 – Configuring Advanced Services: File Management and DAC |
|                               | Microsoft Windows Server 2012 - Configuring Advanced Services: DHCP, DNS, IPAM         |
|                               | Microsoft Windows Server 2012 – Configuring Advanced Services: Site Replication        |
|                               | Microsoft Windows Server 2012 – Configuring Advanced Services: PKI                     |
|                               | Microsoft Windows Server 2012 – Configuring Advanced Services: RMS & Federation        |
| Microsoft Windows Server 2008 | Mindowa Comica 2000, New Footower  |
| WIICTOSOIT V                  | Vindows Server 2008: New Features Introducing Windows Server 2008                      |
| Microsoft \                   | Windows Server 2008: Configuring Active Directory                                      |
| illioi oddit t                | Time of the Local Coming and granted bill octory                                       |
|                               | The Active Directory Infrastructure in Windows Server 2008                             |
|                               |  |
|                               | Additional Active Directory Server Roles in Windows Server 2008                        |
|                               | Active Directory Objects in Windows Server 2008  |
|                               | Group Policy Objects Strategy in Windows Server 2008                                   |
|                               | Configuring DNS in Windows Server 2008   |
|                               |  |
|                               | Active Directory Certificate Services in Windows Server 2008                           |
|                               | Communications and Security in Windows Server 2008                                     |

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|          |            |                |   |
|          |            |                |   |
|          |            | Monitoring     | ng, Backups, and Recovery in Windows Server 2008            |
|          | Micros     | oft Windows Se | erver 2008: Configuring Network Infrastructure              |
|          |            | Configure      | e IP Addressing and Windows Services in Windows Server 2008 |
|          |            | Comigare       | e ii Addressing and Windows Services in Windows Server 2000 |
|          |            | Configure      | e, Manage, and Maintain IP Services in Windows Server 2008  |
|          |            |                | esolution in Windows Server 2008                            |
|          |            | Configure      | e Network Access in Windows Server 2008                     |
|          |            | DNS Zone       | nes and Replication in Windows Server 2008                  |
|          |            | Network A      | Access Security in Windows Server 2008                      |
|          |            |                |   |
|          |            |                | e File and Print Services in Windows Server 2008            |
|          |            |                | Network Infrastructure in Windows Server 2008               |
|          | Micros     |                | erver 2008: Configuring Applications Infrastructure         |
|          |            |                | g Windows Server 2008 Servers                               |
|          |            |                | ing Windows Server 2008 Availability                        |
|          |            |                | e Terminal Services in Windows 2008                         |
|          |            | Terminal       | Services Resource Access in Windows 2008                    |
|          |            | Configurir     | ing Windows Server Hyper-V and Virtual Machines             |
|          |            | Confinui       | ing Wah Camilaga and Cagurity in Windows Camar 2000         |
|          |            |                | ing Web Services and Security in Windows Server 2008        |
|          |            | Managing       | g IIS in Windows Server 2008                                |
|          |            | Configurir     | ing Web Service Protocols in Windows Server 2008            |
|          |            | Configurir     | ing Network Application Services in Windows Server 2008     |
|          | Micros     | oft Windows Se | erver 2008: Server Administration                           |
|          |            |                |   |

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| Area Curriculum Series Course Title      |  |
|  |  |
| Planning Windows Server 200              | 3 Deployment                                       |
| Planning Active Directory and            | Group Policy for Windows Server 2008               |
| Windows Server 2008 Manage               |  |
| Managing File Servers and Da             | ta Provisioning in Windows Server 2008             |
| Windows Server 2008 Applica              | ion Server Management and Application Provisioning |
| Windows Server 2008 Applica              | ion Servers and Services                           |
| Patch Management and Secur               | ing and Monitoring Servers in Windows Server 2008  |
| Certificate Services, SANs, an           | d High Availability in Windows Server 2008         |
| Accessing Windows Networks               | Remotely in Windows Server 2008                    |
| Windows Server 2008 Backup               | •  |
| Microsoft Windows Server 2008: Enterpris | e Administration                                   |
| Planning Name Resolution and             | IP Addressing in Microsoft Windows Server 2008     |
| Network Access in Microsoft V            | /indows Server 2008                                |
| Application Access and Delive            | ry in Microsoft Windows Server 2008                |
| Server and Application Virtuali          | zation in Microsoft Windows Server 2008            |
| Designing the Active Directory           | Infrastructure in Microsoft Windows Server 2008    |
| Active Directory Administration          | in Microsoft Windows Server 2008                   |
| Existing Infrastructures and Br          | anch Deployments in Microsoft Windows Server 2008  |

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| Area       | Curriculum         | Series        | Course Title  |
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|            |                    |               |   |
|            |                    |               |   |
|            |                    |               |   |
|            |                    | The Cer       | tificate Services Infrastructure in Microsoft Windows Server 2008   |
|            |                    | Software      | e Updates and Compliance Management in Microsoft Windows Server 2008  |
|            |                    | Designir      | ng Data Security and High Availability in Microsoft Windows Server 2008                                     |
|            | Micros             | oft Windows 2 | 008: Update to R2   |
|            |                    | A 11 5        |   |
|            |                    |               | irectory Domain Services in Windows Server 2008 R2 Control in Windows Server 2008 R2                        |
|            |                    | Access        | Control in Windows Server 2008 R2   |
|            |                    | Manage        | ment Improvements in Windows Server 2008 R2   |
|            |                    | Improve       | ments to Role Services in Windows Server 2008 R2  |
|            |                    |               |   |
|            |                    |               |   |
|            |                    |               |   |
| B#1 64 1   | W                  | •             |   |
| Wilcrosoft | Windows Server 200 |               | Convey 2002, Implementing and Administering Conveits for Naturalis  |
|            | IVIICIOS           |               | Server 2003: Implementing and Administering Security for Networks ag System Security in Windows Server 2003 |
|            |                    | Managin       | ng dystern decurry in windows derver 2003   |
|            |                    | Securing      | Access to Resources in Windows Server 2003  |
|            |                    | Securino      | g Wireless and Remote Communications in Windows Server 2003   |
|            |                    |               | ng IPSec in Windows Server 2003   |
|            |                    |               | ng Certificates in Windows Server 2003  |
|            | Micros             |               | Server 2003: Internet Information Services  |
|            |                    |               | fundamentals  |
|            |                    |               |   |

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| Area        | Curriculum | Series          | Course Title   |  |
|             |            |                 |  |  |
|             |            |                 |  |  |
|             |            | Administ        | stering IIS 6.0 Sites and Services                                       |  |
|             |            | IIS 6.0 S       | •  |  |
|             |            | Optimizii       | zing, Monitoring, and Troubleshooting IIS 6.0                            |  |
| Microsoft H | • •        | - (4 ) 4 (2 - 1 | Onner 2000 DO Onner Water Park and Will However W                        |  |
|             | Micros     | oft Windows S   | Server 2008 R2: Server Virtualization with Hyper-V                       |  |
|             |            | Microsof        | oft Windows Server 2008 R2 Hyper-V: Introduction and Planning Overview   |  |
|             |            | Microsof        | oft Windows Server 2008 R2 Hyper-V: Installing Hyper-V                   |  |
|             |            | Microsof        | oft Windows Server 2008 R2 Hyper-V: Manage & Dptimize the Hyper-V Server |  |
|             |            | Microsof        | oft Windows Server 2008 R2 Hyper-V: Networking and Remote Administration |  |
|             |            | Microsof        | oft Windows Server 2008 R2 Hyper-V: Migration, Creation, and Management  |  |
|             |            | Microsof        | oft Windows Server 2008 R2 Hyper-V: Deploying VMs Using Templates        |  |
|             |            | Microsof        | oft Windows Server 2008 R2 Hyper-V: High Availability and Recoverability |  |
|             |            | Microsof        | oft Windows Server 2008 R2 Hyper-V: Implementing Remote Desktop Services |  |
|             |            | Microsof        | oft Windows Server 2008 R2 Hyper-V: Remote Desktop Virtualization Roles  |  |
|             |            | Microsof        | oft Windows Server 2008 R2 Hyper-V: Monitoring and Managing Environments |  |
| Oracle Serv |            | <u> </u>        |  |  |
|             | Oracle     |                 | Server 10g: Administration I   |  |
|             |            | Oracie A        | Application Server 10g: Introduction                                     |  |

| Solution Area Curriculum Series Course Title  |  |
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| Area Curriculum Series Course ritie   |  |
|   |  |
|   |  |
| Oracle Application Server 10g: Infrastructure and Middle Tier Installation              |  |
| Oracle Application Server 10g: Management Tools and Oracle Internet Directory           |  |
| Oracle Application Server 10g: General Management and Directives for the HTTP Server    |  |
| Oracle Application Server 10g: OracleAS Web Cache                                       |  |
| Oracle Application Server 10g: OracleAS Portal  |  |
| Oracle Application Server 10g: mod_plsql, CGI Scripts, and Database Providers           |  |
| Oracle Application Server 10g: Application Management and Deployment                    |  |
| Oracle Application Server 10g: Component Administration in Oracle Internet Directory    |  |
| Oracle Application Server 10g: DAS and SSO  |  |
| Oracle Application Server 10g: Component Security with SSL                              |  |
| Oracle Application Server 10g: Oracle Certificate Authority Management                  |  |
| Oracle Application Server 10g: Administration II  |  |
| OracleAS 10g: Managing Customized Topologies and Distributing Infrastructure Components |  |
| OracleAS 10g: High Availability   |  |
| OracleAS 10g: Managing and Configuring Clusters   |  |
| OracleAS 10g: Business Intelligence Component Management                                |  |
| OracleAS 10g: XML Applications, Web Services, and Monitoring                            |  |
| OracleAS 10g: Tuning and Reconfiguring the Middle Tier                                  |  |

| Solution Area Curric | culum Series Course Title                            |
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|                      |  |
|                      |  |
|                      | OracleAS 10g: Backup and Recovery                    |
| Sun Solaris 9        |  |
|                      | Sun Microsystems Solaris 9: System Administration I  |
|                      | Solaris 9 Installation and OpenBoot                  |
|                      | Solaris 9 System Administration                      |
|                      | Solaris 9 System Operations                          |
|                      | Solaris 9 Device and File System Management          |
|                      | Solaris 9 Management Tools                           |
|                      | Solaris 9 Security                                   |
|                      | Sun Microsystems Solaris 9: System Administration II |
|                      | Solaris 9 Advanced Installation                      |
|                      | Solaris 9 Networking                                 |
|                      | Solaris 9 File Systems and Storage                   |
|                      | Solaris 9 Naming Services                            |
|                      | Solaris 9 Systems Supervision                        |
| Novell SUSE Linux    |  |
|                      | SUSE Linux Fundamentals                              |
|                      | Installing SUSE Linux                                |
|                      | Command-Line Management in SUSE Linux                |
|                      | Configuring a SUSE Linux Network                     |
|                      | Managing System Processes in SUSE Linux              |
|                      | Managing Users, Groups, and Storage in SUSE Linux    |
|                      | SUSE Linux Security                                  |
|                      | SUSE Linux Hardware and Documentation                |
| UNIX                 |  |
|                      | UNIX: System Administration                          |
|                      | UNIX User and Data Management                        |
|                      | Deploying and Initializing UNIX Systems              |
|                      | Securing UNIX Systems                                |

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| Area Curriculum              | Series Course Title   |
|                              |   |
|                              |   |
|                              | Managing UNIX Software and System Services                                  |
|                              | Networking and UNIX Name Resolution   |
|                              | Managing UNIX Clients   |
|                              | Administering UNIX Network Services   |
|                              | UNIX Systems Management   |
| UNIX                         | K: Operating System Fundamentals  |
|                              | Introduction to UNIX  |
|                              | UNIX System Architecture  |
| UNIX                         | (: Shell Programming  |
|                              | UNIX Shell Scripting Basics   |
|                              | UNIX Shell Scripting Tools  |
|                              | Writing UNIX Shell Programs   |
|                              |   |
| UNIX                         | K: The User Environment   |
|                              | Customizing the UNIX User Environment                                       |
|                              | Working with UNIX Files and Directories                                     |
|                              | Working with UNIX Programs  |
|                              | Text Editing and Printing in UNIX   |
| UNIX Essentials              |   |
|                              | Fundamentals  |
|                              | UNIX Fundamentals: Overview   |
|                              | UNIX Fundamentals: Shell Scripting Basics                                   |
|                              | UNIX Fundamentals: Files and Directories                                    |
|                              | UNIX Fundamentals: Security   |
|                              | UNIX Fundamentals: Network Administration                                   |
| Linux Professional Institute |   |
|                              | x Professional Institute: Junior Level Linux Professional (LPIC-1) Exam 101 |

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|----------|------------|-----------|---------------------------------------|--|
| Area     | Curriculum | Series    | Course Title                          | <del>-</del>                                     |
|          |            |           |                                       |  |
|          |            |           |                                       |  |
|          |            | Junior Le | evel LPIC-1 Exam 101: Lin             | ux System Architecture                           |
|          |            |           | evel LPIC-1 Exam 101: Lin             | <del>.</del>                                     |
|          |            | Junior Le | evel LPIC-1 Exam 101: Lin             | ux Package Management                            |
|          |            |           | evel LPIC-1 Exam 101: Uni             | · · ·  |
|          |            | lunior La | aval I PIC-1 Evam 101: File           | Management and Redirects                         |
|          |            |           | evel LPIC-1 Exam 101: Pro             |  |
|          |            | 1 2 . 1   |                                       | A See AMPRILITY OF THE SE                        |
|          |            | Junior Le | evel LPIC-1 Exam 101: Wo              | rking with Text Files                            |
|          |            | Junior Le | evel LPIC-1 Exam 101: Par             | titions and File Systems                         |
|          |            | Junior Le | evel LPIC-1 Exam 101: File            | and Storage Administration                       |
|          | Linux I    |           |                                       | x Professional (LPIC-1) Exam 102                 |
|          |            | Junior Le | evel I PIC-1 Exam 102: Cus            | tomize and Use the Linux Shell Environment       |
|          |            | Julioi Ec | SVCI EI 10 1 EXAIII 102. Out          | tomize and ose the Linux offen Environment       |
|          |            | Junior Le | evel LPIC-1 Exam 102: Use             | r Interfaces and Desktops                        |
|          |            | Junior Le | evel LPIC-1 Exam 102: Ma              | nage Users and Groups Accounts and Jobs in Linux |
|          |            | lender Le | I DIO 4 F 400. F                      | antial Linux Contant Coming                      |
|          |            | Junior Le | evel LPIC-1 Exam 102: Ess             | ential Linux System Services                     |
|          |            | Junior Le | evel LPIC-1 Exam 102: Line            | x Networking Fundamentals                        |
|          |            | Junior Le | evel LPIC-1 Exam 102 <sup>.</sup> Bas | ic Linux network troubleshooting                 |
|          |            |           | evel LPIC-1 Exam 102: Lin             | <u> </u>   |
|          |            | Junior Le | evel LPIC-1 Exam 102: Lin             | x Encryption                                     |

| Solution<br>Area C | rriculum Serio | es Course Title                                      |
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| Alea C             | - Serie        | Course ritte   |
|                    |                |  |
|                    |                |  |
| Linux LPI Level 2  |                |  |
|                    | Linux Intermed | liate System Administration                          |
|                    | L              | inux Kernel Compilation and System Startup           |
|                    | L              | inux Filesystem Management and File Sharing          |
|                    | L              | inux Networking Configuration                        |
|                    | L              | inux Networking Services                             |
|                    |                |  |
|                    |                | inux Hardware Configuration and System Maintenance   |
|                    | S              | ecurity in the Linux Environment                     |
|                    | L              | inux System Customization and Automation             |
|                    | L              | inux Troubleshooting                                 |
|                    | LPIC Advanced  | d Level Linux Professional (LPIC-2) Exam 201 and 202 |
|                    | L              | inux User Notification and Device Management         |
|                    | E              | -mail and Security in Linux                          |
|                    | L              | inux Kernel Compilation and Linux Startup            |
|                    | L              | inux File Sharing and Filesystem Management          |
|                    | L              | inux Network Configuration                           |
|                    | L              | inux Network Services                                |
|                    |                |  |
|                    |                | inux System Maintenance and Hardware Configuration   |
|                    |                | inux Security  |
|                    | L              | inux System Troubleshooting                          |
| VMware             |                |  |
|                    | Vmware Overv   |  |
|                    |                | irtualization with VMware: An Overview               |
|                    |                | Mware Desktop Overview                               |
|                    |                | Mware Server Overview                                |
|                    |                | Mware Datacenter Overview                            |
|                    | Vmware Works   | station  |

| Solution<br>Area Curricul | lum Series Course Title   |
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| Alea Cullicul             | ium Series Course ritie   |
|                           |   |
|                           |   |
|                           |   |
|                           | VMware Workstation 7: Getting started with Virtual Machines                           |
|                           | VMware Workstation 7: Managing Virtual Machines                                       |
|                           | VMware: Datacenter Virtualization with vSphere 5 - Part 2                             |
|                           | VMware vSphere 5 - Part 2: VSphere Clustering   |
|                           | VMware vSphere 5 - Part 2: High Availability and Fault Tolerance                      |
|                           | VMware vSphere 5 - Part 2: Processor and Resource Management                          |
|                           | VMware vSphere 5 - Part 2: DRS, Resource Pools, and vApps                             |
|                           | VMware vSphere 5 - Part 2: Logging and Performance                                    |
|                           | VMware vSphere 5 - Part 2: vSphere Security   |
|                           | VMware vSphere 5 - Part 2: Securing Hosts, Internal Components, Certificate Use       |
|                           | VMware vSphere 5 - Part 2: Host Profiles, Update Manager, and Auto Deploy             |
|                           | VMware vSphere 5 - Part 2: vCenter Server Appliance Deployments and Upgrades          |
|                           | VMware vSphere 5 - Part 2: Upgrading Hosts and Virtual Machines                       |
|                           | VMware: Datacenter Virtualization Design and Optimization with vSphere 5              |
|                           | VMware vSphere 5 – Datacenter Design: Introducing vSphere Design Fundamentals         |
|                           | VMware vSphere 5 – Datacenter Design: Creating vSphere Conceptual and Logical Designs |
|                           | VMware vSphere 5 – Datacenter Design: vSphere Network and Storage Design              |
|                           | VMware vSphere 5 - Datacenter Design VMs, Management, and Implementation              |

| Solution         | Sovies Course Title  |
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| Area Curriculum  | Series Course Title  |
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|                  |  |
| VMware:          | Datacenter Virtualization with vSphere 5 - Part 1                          |
|                  | VMware vSphere 5 - Part 1: Introduction to Virtualization                  |
|                  | VMware vSphere 5 - Part 1: vCenter Server Installation                     |
|                  | VMware vSphere 5 - Part 1: vSphere Client and vCenter Server Configuration |
|                  | VMware vSphere 5 - Part 1: ESXi Installation and Configuration             |
|                  | VMware vSphere 5 – Part 1: vCenter Server Inventory                        |
|                  | VMware vSphere 5 - Part 1: vCenter Server Administration                   |
|                  | VMware vSphere 5 - Part 1: vCenter Server Management                       |
|                  | VMware vSphere 5 - Part 1: Creating Virtual Machines                       |
|                  | VMware vSphere 5 - Part 1: Configuring and Managing Virtual Machines       |
|                  | VMware vSphere 5 - Part 1: An Overview of Virtual Network Creation         |
|                  | VMware vSphere 5 - Part 1: Configuring and Managing Virtual Networks       |
|                  | VMware vSphere 5 - Part 1: Introduction to vSphere Storage Concepts        |
|                  | VMware vSphere 5 – Part 1: Storage Configuration and Management            |
| Mentoring Assets | n Accordo  |
| Mentoring        | Mentoring 220-701 A+ Essentials  |
|                  | Montoning 220 70177. Eddoritatio   |
|                  | Mentoring 70-640 TS: Windows Server 2008 Active Directory, Configuring     |

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| Area     | Curriculum | Series Course Title  |
|          |            |  |
|          |            |  |
|          |            | Mentoring 70-642 TS: Windows Server 2008 Network Infrastructure, Configuring     |
|          |            | Mentoring 70-643 TS: Windows Server 2008 Application Infrastructure, Configuring |
|          |            | Mentoring 70-646 PRO: Windows Server 2008, Server Administrator                  |
|          |            | Mentoring 70-647 Pro: Windows Server 2008, Enterprise Administrator              |
|          |            | Mentoring 70-680 TS: Windows 7, Configuring                                      |
|          |            | Mentoring 70-686 PRO: Windows 7, Enterprise Desktop Administrator                |
|          |            | Mentoring 220-702 A+ Practical Application                                       |
|          |            | Mentoring SK0-003 Server+  |
|          |            | Mentoring 70-685 PRO: Windows 7, Enterprise Desktop Support Technician           |
|          |            | Mentoring 70-668 PRO: Microsoft SharePoint 2010, Administrator                   |
|          |            | Mentoring 70-667 TS: Microsoft SharePoint 2010, Configuring                      |
|          |            | Mentoring LX0-101 Linux+ Powered by LPI Exam 1                                   |
|          |            | Mentoring LX0-102 Linux+ Powered by LPI Exam 2                                   |
|          |            | Mentoring 70-662 TS: Microsoft Exchange Server 2010, Configuring                 |
|          |            | Mentoring 70-659 TS: Windows Server 2008 R2, Server Virtualization               |
|          |            | Mentoring VMware: Datacenter Virtualization with vSphere 5 - Part 2              |
|          |            | Mentoring 220-801 CompTIA A+   |
|          |            | Mentoring 220-802 CompTIA A+   |

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| Area       | Curriculum Se    | eries Course Title   |
|            |                  |  |
|            |                  | Mantaring 70 CO7 Configuring Windows 0   |
|            |                  | Mentoring 70-687 Configuring Windows 8   |
|            |                  | Mentoring 70-410 Installing and Configuring Windows Server 2012                  |
|            |                  | Mentoring 70-461 Querying Microsoft SQL Server 2012                              |
|            |                  | Mentoring 70-411 Administering Windows Server 2012                               |
|            |                  | Mentoring 70-412 Configuring Advanced Windows Server 2012 Services               |
|            |                  | Mentoring VMware Certified Professional 5, Data Center Virtualization (VCP5-DCV) |
| Test Preps | Took Dunne       |  |
|            | Test Preps       |  |
|            |                  | TestPrep 70-640 TS: Windows Server 2008 Active Directory, Configuring            |
|            |                  | TestPrep 70-642 TS: Windows Server 2008 Network Infrastructure, Configuring      |
|            |                  | TestPrep 70-643 TS: Windows Server 2008 Applications Infrastructure, Configuring |
|            |                  | TestPrep 220-701 A+ Essentials   |
|            |                  | TestPrep 220-702 A+ Practical Application  |
|            |                  | TestPrep 70-680 TS: Windows 7, Configuring                                       |
|            |                  | TestPrep SK0-003 Server+   |
|            |                  | TestPrep 70-686 PRO: Windows 7, Enterprise Desktop Administrator                 |
|            |                  | TestPrep 70-685 PRO: Windows 7, Enterprise Desktop Support Technician            |
|            |                  | TestPrep 70-647 PRO: Windows Server 2008, Enterprise Administrator               |
|            |                  | TestPrep 70-646 PRO: Windows Server 2008, Server Administrator                   |

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| Area         | Curriculum     | Series Course Title  |
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|              |                |  |
|              |                | TootDrop 70 CC7 TC: Microsoft Chara Point 2040, Configuration        |
|              |                | TestPrep 70-667 TS: Microsoft SharePoint 2010, Configuring           |
|              |                | TestPrep 70-668 PRO: Microsoft SharePoint 2010, Administrator        |
|              |                | TestPrep LX0-101 Linux+ Powered by LPI Exam 1                        |
|              |                | TestPrep LX0-102 Linux+ Powered by LPI Exam 2                        |
|              |                |  |
|              |                | TestPrep 70-662 TS: Microsoft Exchange Server 2010, Configuring      |
|              |                |  |
|              |                | TestPrep 70-659 TS: Windows Server 2008 R2, Server Virtualization    |
|              |                | TestPrep 220-801 CompTIA A+  |
|              |                | TestPrep 220-802 CompTIA A+  |
|              |                |  |
|              |                | TestPrep 70-410 Installing and Configuring Windows Server 2012       |
|              |                | TestPrep 70-687 Configuring Windows 8                                |
|              |                | TestPrep 70-411 Administering Windows Server 2012                    |
|              | NETWORK TECHNO | LOGIES   |
| Social Netwo |                |  |
|              | Social Net     | tworking for Users   |
|              |                | Social Networking for Users  |
| CompTIA Net  | <u> </u>       | rking, and Security Technologies                                     |
|              | CompTIA        | Network+ 2012  |
|              |                | CompTIA Network+ 2012: Networking Concepts Part 1                    |
|              |                | CompTIA Network+ 2012: Networking Concepts Part 2                    |
|              |                | CompTIA Network+ 2012: Network Installation and Configuration Part 1 |
|              |                | CompTIA Network+ 2012: Network Installation and Configuration Part 2 |
|              |                | ,  |

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| Area     | Curriculum | Series Course Title  |
|          |            |  |
|          |            |  |
|          |            | CompTIA Network+ 2012: Network Media and Topologies Part 1                       |
|          |            | CompTIA Network+ 2012: Network Media and Topologies Part 2                       |
|          |            | CompTIA Network+ 2012: Network Management  |
|          |            | CompTIA Network+ 2012: Network Security Part 1                                   |
|          |            | CompTIA Network+ 2012: Network Security Part 2                                   |
|          |            | CompTIA Network+ 2012: Network Security Part 3                                   |
|          | Comp       | TIA Security+ 2011   |
|          |            | CompTIA Security+ 2011: Control Fundamentals and Security Threats                |
|          |            | Comprist Cooking ( 2011. Control ) and amortial cooking ( micalo                 |
|          |            | CompTIA Security+ 2011: Network Protocols, Attacks, and Defenses                 |
|          |            | CompTIA Security+ 2011: Securing Networks and Performing Security Assessments    |
|          |            | CompTIA Security+ 2011: Network and System Security Mechanisms                   |
|          |            | CompTIA Security+ 2011: Remote Access and Wireless Security                      |
|          |            | CompTIA Security+ 2011: Authentication, Biometrics, and Security Controls        |
|          |            | CompTIA Security+ 2011: Securing the IT Environment                              |
|          |            | CompTIA Security+ 2011: Cryptography and Public Key Infrastructures              |
|          |            | CompTIA Security+ 2011: Securing Applications, Virtualization, & Cloud Computing |
|          |            | CompTIA Security+ 2011: BC, DR, Security Training, and Forensics                 |
|          |            |  |

| Solution<br>Area | Curriculum       | Series          | Course Title   |  |
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| Area             | Curriculum       | Series          | Course Title   |  |
|                  |                  |                 |  |  |
| Network Pro      | otocole          |                 |  |  |
| Networking       |                  | : Mobile IP and | P Mobility   |  |
|                  | 101711           | Mobile IF       | · mosmity  |  |
|                  |                  | IP Mobili       |  |  |
|                  | TCP/IP           |                 | Securing Web Transactions                              |  |
|                  |                  | Digital Pa      |  |  |
|                  | TCP/IP           |                 | gement Protocols                                       |  |
|                  |                  | SNMP, N         | IBs, and RMON  |  |
| Data/Teleco      | mmunications     |                 |  |  |
|                  | IPv6 aı          | nd Future Appli | ations   |  |
|                  |                  | IPv6            |  |  |
|                  | Lightw           |                 | Access Protocol  |  |
|                  |                  | LDAP Fu         | ndamentals   |  |
|                  |                  | Designin        | and Maintaining LDAP Directory Services                |  |
| Wireless Co      | mmunications     |                 |  |  |
|                  | Advan            | ced Wireless Te | •  |  |
|                  |                  | Beyond 3        | · ,  |  |
|                  |                  |                 | nunication Systems                                     |  |
|                  |                  |                 | mentations   |  |
|                  |                  | Non-Cell        | lar Wireless Technology                                |  |
| Wireless         |                  |                 | alvetina BEID Teelmale va femane un Dueimee            |  |
|                  | Unders           |                 | aluating RFID Technology for your Business             |  |
|                  |                  |                 | hnology and Business Applications Dications Management |  |
| Notworking       | and Telecommunic |                 |  |  |
| Networking       |                  | uctions Fundan  |  |  |
|                  | millout          |                 | VoIP Fundamentals                                      |  |
|                  |                  |                 | nnologies  |  |
|                  |                  |                 | lity and Security                                      |  |
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| Solution<br>Area | Curriculum | Series          | Course Title  |  |
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| Area             | Curriculum | Series          | Course Title  |  |
|                  |            |                 |   |  |
| Security Sol     | lutions    |                 |   |  |
|                  | SSCP       |                 |   |  |
|                  |            | SSCP Do         | Domain: Access Controls   |  |
|                  |            | SSCP Do         | Domain: Cryptography  |  |
|                  |            | SSCP Do         | Domain: Malicious Code  |  |
|                  |            | SSCP Do         | Domain: Monitoring and Analysis Part 1                          |  |
|                  |            | SSCP Do         | Domain: Monitoring and Analysis Part 2                          |  |
|                  |            | SSCP D          | Domain : Networks and Telecommunications Part 1                 |  |
|                  |            | SSCP Do         | Domain : Networks and Telecommunications Part 2                 |  |
|                  |            | SSCP Do         | Domain : Security Operations and Administration Part 1          |  |
|                  |            | SSCP Do         | Domain : Security Operations and Administration Part 2          |  |
|                  |            | SSCP Do         | Domain: Security Operations and Administration Part 3           |  |
|                  |            |                 | Domain : Risk, Response, and Recovery                           |  |
|                  | Certifie   | d Internet Secu | curity Auditor (CISA)   |  |
|                  |            | CISA Do         | omain: The Process of Auditing Information Systems – Part1      |  |
|                  |            | CISA Do         | omain: The Process of Auditing Information Systems - Part 2     |  |
|                  |            | CISA Do         | omain: Governance and Management of IT - Part 1                 |  |
|                  |            | CISA Do         | omain: Governance and Management of IT - Part 2                 |  |
|                  |            | CISA Do         | omain: IS Acquisition, Development, and Implementation - Part 1 |  |

| Solution | Commissoloma | Coulos   | Course Title  |
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| Area     | Curriculum   | Series   | Course Title  |
|          |              |          |   |
|          |              |          |   |
|          |              |          |   |
|          |              | CISA Don | main: IS Acquisition, Development and Implementation - Part 2   |
|          |              | CISA Don | main: IS Operations, Maintenance and Support – Part 1           |
|          |              | CISA Don | main: IS Operations, Maintenance, and Support - Part 2          |
|          |              | CISA Don | main: Protection of Information Assets – Part 1                 |
|          |              | CISA Don | main: Protection of Information Assets – Part 2                 |
|          |              |          | main: IS Acquisition, Development and Implementation - Part 3   |
|          | Certific     |          | Systems Security Professional (CISSP) 2012                      |
|          |              | CISSP 20 | 012 Domain: Access Control                                      |
|          |              | CISSP 20 | 012 Domain: Telecommunications and Network Security             |
|          |              | CISSP 20 | 012 Domain: Information Security Governance and Risk Management |
|          |              |          | 012 Domain: Cryptography  |
|          |              | CISSP 20 | 012 Domain: Operations Security                                 |
|          |              | CISSP 20 | 012 Domain: Business Continuity and Disaster Recovery Planning  |
|          |              | CISSP 20 | 012 Domain: Legal, Regulations, Investigations, and Compliance  |
|          |              |          | 012 Domain: Physical (Environment) Security                     |
|          |              |          | 012 Domain: Software Development Security                       |
|          |              |          | 012 Domain: Security Architecture and Design                    |
|          | Certifie     |          | Security Manager (CISM) 2012                                    |
|          |              | CISM 201 | 12: Information Security Governance (Part 1)                    |

| Solution |            |                  |   |  |
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| Area     | Curriculum | Series           | Course Title  |  |
|          |            |                  |   |  |
|          |            |                  |   |  |
|          |            | CISM 20          | 012: Information Security Governance (Part 2)                         |  |
|          |            | CISM 20          | 012: Information Security Governance (Part 3)                         |  |
|          |            | CISM 20          | 012: Information Risk Management and Compliance (Part 1)              |  |
|          |            | CISM 20          | 012: Information Risk Management and Compliance (Part 2)              |  |
|          |            | CISM 20          | 012: Information Security Program Development and Management (Part 1) |  |
|          |            | CISM 20          | 012: Information Security Program Development and Management (Part 2) |  |
|          |            | CISM 20          | 012: Information Security Program Development and Management (Part 3) |  |
|          |            | CISM 20          | 012: Information Security Program Development and Management (Part 4) |  |
|          |            | CISM 20          | 012: Information Security Program Development and Management (Part 5) |  |
|          |            | CISM 20          | 012: Information Security Incident Management (Part 1)                |  |
|          |            | CISM 20          | 012: Information Security Incident Management (Part 2)                |  |
| Cisco    |            |                  | , , ,   |  |
|          | CAPPS      | 8.0: Integrating | ng Cisco Unified Communications Applications                          |  |
|          |            | Cisco CA         | APPS 8.0: Introduction to Voice-Mail                                  |  |
|          |            | Cisco CA         | APPS 8.0: Integrating Cisco Unity Connection with CUCM                |  |
|          |            | Cisco CA         | APPS 8.0: Configuring the CUC System and Dial Plan Components         |  |
|          |            | Cisco CA         | APPS 8.0: Implementing Cisco Unity Connection                         |  |

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| Area     | Curriculum   | Series Course Title   |
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|          |              | Cisco CAPPS 8.0: Implementing Cisco Unity Express in CUCM Express Environment     |
|          |              | Cisco CAPPS 8.0: Cisco Unity Express Users and Auto Attendant                     |
|          |              | Cisco CAPPS 8.0: Troubleshooting Cisco Unity Express                              |
|          |              | Cisco CAPPS 8.0: Voice Profile for Internet Mail Implementation                   |
|          |              | Cisco CAPPS 8.0: Understanding Cisco Unified Presence Implementation              |
|          |              | Cisco CAPPS 8.0: Integrating Cisco Unified Presence and its Components            |
|          | IPS 7.0      | Implementing Cisco Intrusion Prevention System                                    |
|          |              | Cisco IPS 7.0: Introduction to Intrusion Prevention and Detection Systems         |
|          |              | Cisco IPS 7.0: IPS Traffic Analysis, Countermeasures, and Deployment Architecture |
|          |              | Cisco IPS 7.0: Performing the Cisco IPS Sensor Initial Setup                      |
|          |              | Cisco IPS 7.0: Managing Cisco IPS Devices   |
|          |              | Cisco IPS 7.0: Implementing Cisco Unity Express in CUCM Express Environment       |
|          |              | Cisco IPS 7.0: Configuring Cisco IPS Signature Engines and Anomaly Detection      |
|          |              | Cisco IPS 7.0: Adapting Traffic Analysis and Response to the Environment          |
|          |              | Cisco IPS 7.0: False Positives, Negatives and Response Improvement                |
|          |              | Cisco IPS 7.0: Managing and Analyzing Events                                      |

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| Area     | Curriculum | Series    | Course Title  | <del>-</del>        |
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|          |            | Cisco IPS | 7.0: Virtualization, High-Availability, and High-Perform  | nance Solutions     |
|          |            | Cisco IPS | 7.0: Configuring and Maintaining Cisco IPS Hardware   |                     |
|          | SECUI      |           | Networks with Cisco Routers and Switches  |                     |
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|          |            |           | CURE 1.0: Protection Controls and Identity-based Net<br>CURE 1.0: Deploying Basic 802.1X Features | work Services       |
|          |            | CISCO SE  | CORE 1.0. Deploying Basic 602.17 Features   |                     |
|          |            | Cisco SE  | CURE 1.0: Advanced Switched Data Plane Security Co  | ontrols             |
|          |            |           |   | _                   |
|          |            | Cisco SE  | CURE 1.0: Advanced Routed Data Plane Security Con   | trols               |
|          |            | Cisco SE  | CURE 1.0: Advanced Control Plane Security Controls  |                     |
|          |            |           | <u>,                                     </u>   |                     |
|          |            | Cisco SE  | CURE 1.0: Deploying Advanced Management Plane S   | ecurity Controls    |
|          |            | Cisco SE  | CURE 1.0: Deploying Network Address Translation   |                     |
|          |            | CISCO SE  | SOIL 1.0. Deploying Network Address Translation   |                     |
|          |            | Cisco SE  | CURE 1.0: Deploying Basic Zone-Based Policy Firewa  | Ils                 |
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|          |            | Cisco SE  | CURE 1.0: Deploying Advanced Zone-Based Policy Fi   | rewalls             |
|          |            | Cisco SE  | CURE 1.0: Deploying Cisco IOS Software IPS  |                     |
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|          |            | Cisco SE  | CURE 1.0: Site-to-Site VPN Architectures and Techno   | logies              |
|          |            | Cisco SE  | CURE 1.0: Deploying Scalable Authentication in Site-to  | a-Sita IPSac VPNs   |
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|          |                         |                 | ECURE 1.0: Deploying Tunnel-Based IPSec VPNs and GET VPNs ECURE 1.0: Remote Access VPNs                  |
|          |                         | CISCO SE        | ECURE 1.0. Remote Access vPNs  |
|          |                         | Cisco SE        | ECURE 1.0: Deploying Remote Access Solutions Using SSL VPN   |
|          | CIPT1                   | 8.0: Implementi | ing Cisco Unified Communications Manager Part 1  |
|          |                         | 0'              | DT4 0.0 Letter Letter to Circuit Letter LO   |
|          |                         | Cisco Cit       | PT1 8.0: Introduction to Cisco Unified Communications Manager  |
|          |                         | Cisco CIF       | PT1 8.0: Cisco Unified Communications Manager Administration   |
|          |                         |                 | <u> </u>   |
|          |                         | Cisco CIF       | PT1 8.0: Cisco Unified Communications Manager Single-Site On-Net Calling                                 |
|          |                         | Cieco CII       | PT1 8.0: Implementing PSTN gateways in Cisco Unified Communications Manager                              |
|          |                         | 01300 011       | 1 1 0.0. Implementing 1 3111 gateways in 0.300 Onlined Communications Manager                            |
|          |                         | Cisco CIF       | PT1 8.0: CUCM Call Routing Components and Calling Privileges   |
|          |                         |                 |  |
|          |                         |                 | PT1 8.0: Digit-manipulation Tools and Calling Privileges   |
|          |                         | Cisco CII       | PT1 8.0: Implementing Call Coverage  |
|          |                         | Cisco CIF       | PT1 8.0: Implementing Media Resources in Unified Communications Manager                                  |
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|          |                         | Cisco CIF       | PT1 8.0: Feature and Application Implementation  |
|          |                         |                 | PT1 8.0: Cisco Unified Mobility  |
|          | CIPT2                   | 8.0: Implementi | ing Cisco Unified Communications Manager Part 2  |
|          |                         | Cisco CII       | PT2 8.0: Multisite Deployment Issues and Solutions Overview  |
|          |                         |                 | PT2 8.0: Multisite Deployment Issues and Solutions Overview PT2 8.0: Multisite Deployment Implementation |
|          |                         | 0.300 011       | 1. 12 o.o. Manacco Doploymont Implementation   |
|          |                         | Cisco CIF       | PT2 8.0: Centralized Call-Processing Redundancy Implementation   |
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|          |            | Cisco CIF | PT2 8.0: Bandwidth Management and CAC Implementation   |
|          |            | Ciono CII | DT2.9.0. Factures and Applications for Multipite Deployments   |
|          |            |           | PT2 8.0: Features and Applications for Multisite Deployments PT2 8.0: Call Control Discovery   |
|          | ICOM       |           | ng Cisco Voice and Unified Communications Administration   |
|          | ICOIVII    |           | OMM 8.0: CUC Solutions   |
|          |            | CISCO ICC | OWNIN 8.0. COC Solutions   |
|          |            | Cisco ICO | OMM 8.0: Administrator and End-User Interfaces   |
|          |            |           | OMM 8.0: Call Flows in CUC Systems   |
|          |            |           | OMM 8.0: Endpoint and User Administration  |
|          |            |           |  |
|          |            | Cisco ICO | OMM 8.0: End User Telephony and Mobility Features  |
|          |            | Cisco ICO | OMM 8.0: Configuring Mobility Features   |
|          |            |           |  |
|          |            |           | OMM 8.0: Enablement of Cisco Unity Connection and Voice Mailbox Options  |
|          |            | Cisco ICC | OMM 8.0: Cisco Unified Presence  |
|          |            |           |  |
|          |            | Cisco ICC | OMM 8.0: Cisco Unified Communications Solution Maintenance   |
|          |            | 01100     | OMM C C DIMIT Manifester Value Meller Life Bisseles Basses Control   |
|          |            |           | OMM 8.0: RTMT, Monitoring Voice Mail and the Disaster Recovery System  |
|          | impier     |           | /OICE Communications and QoS (CVOICE)  |
|          |            | CISCO CV  | /OICE 8.0: Introduction to Voice Gateways  |
|          |            | Cisco CV  | /OICE 8.0: Voice Port Implementation, Codecs, and DSPs   |
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|          |            | Cisco CV  | /OICE 8.0: SIP and MGCP Signaling Protocols  |
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| Area     | Curriculum | Series           | Course Title  |
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|          |            | Cisco CVC        | OICE 8.0: VoIP Call Legs  |
|          |            | Cisco CVC        | OICE 8.0: Cisco Unified Communications Manager Express            |
|          |            | Cisco CVC        | OICE 8.0: Cisco Unified Communications Manager Express Endpoints  |
|          |            | Cisco CVC        | OICE 8.0: Call Routing and Dial Plans                             |
|          |            | Cisco CVC        | OICE 8.0: Path Selection and Calling Privileges                   |
|          |            |                  | OICE 8.0: Gatekeeper and Cisco Unified Border Element             |
|          |            | Cisco CVC        | OICE 8.0: QoS Mechanisms  |
|          |            |                  | OICE 8.0: Congestion, Rate Limiting, and AutoQoS                  |
|          | ROUTI      | E 1.0: Implement | ing Cisco IP Routing  |
|          |            | Cisco ROL        | UTE 1.0: Routing Services for Converged Networks                  |
|          |            | Cisco ROL        | UTE 1.0: EIGRP Implementation for the Enterprise                  |
|          |            |                  | UTE 1.0: EIGRP Authentication and Advanced Feature Implementation |
|          |            | Cisco ROI        | UTE 1.0: The OSPF Routing Protocol                                |
|          |            | Cisco ROL        | UTE 1.0: Implementing an OSPF-Based Solution                      |
|          |            |                  | UTE 1.0: Configuring and Verifying Route Redistribution           |
|          |            |                  | UTE 1.0: Implementing Path Control                                |
|          |            | CISCO ROL        | UTE 1.0: Connecting the Enterprise to ISPs                        |
|          |            | Cisco ROL        | UTE 1.0: Configuring and Verifying BGP operations                 |

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|   |            |
| Cisco ROUTE 1.0 eLT: Implementing Path Control                          |            |
| Cisco ROUTE 1.0 eLT: IPv6 Addressing and Unicast                        |            |
| Cisco ROUTE 1.0 eLT: Implement RIPng, OSPFv3, EIGRP and Redistribution  | on in IPv6 |
| Cisco ROUTE 1.0 eLT: IPv6 Transition Techniques                         |            |
| Cisco ROUTE 1.0 eLT: NAT and PAT with IPv6                              |            |
| Cisco ROUTE 1.0 eLT: Routing for Branch Offices and Mobile Workers      |            |
| TSHOOT 1.0: Troubleshooting and Maintaining Cisco IP Networks           |            |
| Cisco TSHOOT 1.0: Planning Maintenance for Complex Networks             |            |
| Cisco TSHOOT 1.0: Planning Troubleshooting Processes for Networks       |            |
| Cisco TSHOOT 1.0: Maintenance, Troubleshooting Tools, & Applications    |            |
| Cisco TSHOOT 1.0: Troubleshooting VLANs, STP, and SVIs                  |            |
| Cisco TSHOOT 1.0: Troubleshooting FHRPs and Performance Issues          |            |
| Cisco TSHOOT 1.0: Network Layer Connectivity, OSPF, and EIGRP           |            |
| Cisco TSHOOT 1.0: Route Redistribution, BGP, and Performance Issues     |            |
| Cisco TSHOOT 1.0: Maintaining and Troubleshooting Network Security Solu | tions      |
| Clsco TSHOOT 1.0 eLT: Troubleshooting Performance Problems on Switches  | es         |
| Cisco TSHOOT 1.0 eLT: Troubleshooting Wireless Integration              |            |

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|          |            | Cisco T         | SHOOT 1.0 eLT: Troubleshooting Voice over IP Integration                |  |
|          |            | Cisco T         | SHOOT 1.0 eLT: Troubleshooting Video Integration                        |  |
|          |            |                 | SHOOT 1.0 eLT: Troubleshooting NAT and PAT                              |  |
|          |            | Cisco T         | SHOOT 1.0 eLT: Troubleshooting DHCP                                     |  |
|          |            | Cisco T         | SHOOT 1.0 eLT: Troubleshooting IPv6, OSPFv3, and RIPng                  |  |
|          |            | Cisco T         | SHOOT 1.0 eLT: Troubleshooting Network Applications Services            |  |
|          |            | Cisco T         | SHOOT 1.0 eLT: Troubleshooting Branch Office and Remote Worker Problems |  |
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|          | SWITC      | CH 1.0: Impleme | nenting Cisco IP Switched Networks                                      |  |
|          |            | -               | SWITCH 1.0: Analyzing Campus Network Designs                            |  |
|          |            | 01300 0         | 5WTT OTT 1.0. Arialyzing Campus Network Designs                         |  |
|          |            | Cisco S'        | SWITCH 1.0: Implementing VLANs in Campus Networks                       |  |
|          |            |                 | SWITCH 1.0: Implementing Spanning-Tree                                  |  |
|          |            | Cisco S'        | SWITCH 1.0: Inter-VLAN Routing  |  |
|          |            | Cisco S'        | SWITCH 1.0: Highly Available Networks                                   |  |
|          |            | Cisco S         | SWITCH 1.0: Configuring Layer 3 High Availability                       |  |
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| Area     | Curriculum | Series           | Course Title  |  |
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|          |            | Cisco SW         | VITCH 1.0: Accommodating Voice and Video in Campus Networks |  |
|          |            |                  | VITCH 1.0: Integrating Wireless LANs into a Campus Network  |  |
|          | IINS 2.    | 0: Implementing  | g Cisco IOS Network Security                                |  |
|          |            | Cisco IINS       | IS 2.0: Introducing Networking Security Fundamentals        |  |
|          |            |                  | IS 2.0: Security Policies and Strategies                    |  |
|          |            | Cisco IINS       | IS 2.0: Cisco Network Foundation Protection                 |  |
|          |            | Cisco IINS       | IS 2.0: Securing the Management Plane and AAA Configuration |  |
|          |            | Cisco IINS       | IS 2.0: Securing the Data Plane on Cisco Switches           |  |
|          |            | Cisco IINS       | IS 2.0: Securing the Data Plane in IPv6 Environments        |  |
|          |            | Cisco IINS       | IS 2.0: Threat Control, Mitigation, and Firewalls           |  |
|          |            | Cisco IINS       | IS 2.0: Implementing Firewall Policies                      |  |
|          |            | Cisco IINS       | IS 2.0: Implementing IPS                                    |  |
|          |            | Cisco IINS       | IS 2.0: VPN Technologies and Public Key Infrastructure      |  |
|          |            |                  | IS 2.0: IPsec Fundamentals and VPNs                         |  |
|          | ICND1      | 1.1: Interconnec | ecting Cisco Networking Devices Part 1                      |  |
|          |            | Cisco ICN        | ND1 1.1: Fundamentals of Networking                         |  |
|          |            | Cisco ICN        | ND1 1.1: Network Connections and Communications             |  |
|          |            |                  | ND1 1.1: Switching in LANs                                  |  |
|          |            | Cisco ICN        | ND1 1.1: Optimizing and Troubleshooting Switch Security     |  |

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| Area Curriculum Series Course Title   |  |
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| Cisco ICND1 1.1: Implementing Wireless LANs                                       |  |
| Cisco ICND1 1.1: Routing and Cisco Routers  |  |
| Cisco ICND1 1.1: The Packet Delivery Process, Router Security, and Remote Access  |  |
| Cisco ICND1 1.1: WAN Technologies   |  |
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| Cisco ICND1 1.1: WAN Encapsulation and RIP Routing                                |  |
| Cisco ICND1 1.1: Managing the Network Environment Cisco ICND1 1.1: LAN Addressing |  |
| ICND2 1.1: Interconnecting Cisco Networking Devices Part 2                        |  |
| Cisco ICND2 1.1: Implementing VLANS and Trunks                                    |  |
| Oloco 101102 1.11. Implemorking VEX 1110 and Tranke                               |  |
| Cisco ICND2 1.1: Spanning-Tree Protocol and Inter-VLAN Routing                    |  |
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| Cisco ICND2 1.1: Securing and Troubleshooting the Switched Network                |  |
| Cisco ICND2 1.1: Medium-Sized Routed Network Construction                         |  |
| Cisco ICND2 1.1: Single-Area OSPF Implementation                                  |  |
| Cisco ICND2 1.1: EIGRP Implementation   |  |
| Cisco ICND2 1.1: Introducing ACL Operation  |  |
| Cisco ICND2 1.1: Configuring and Troubleshooting ACLs                             |  |
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| Cisco ICND2 1.1: Scaling the Network with NAT and PAT                             |  |
| Cisco ICND2 1.1: Transitioning to IPv6  |  |
| Cisco ICND2 1.1: VPN and Point-to-Point WAN Connections                           |  |
| Cisco ICND2 1.1: Frame Relay Connections  |  |
| DESGN 2.1: Designing for Cisco Internetwork Solutions                             |  |

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| Area     | Curriculum     | Series     | Course Title   |
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|          |                | Cisco DE   | ESGN 2.1: Network Design Methodology Overview                        |
|          |                | Cisco DE   | ESGN 2.1: Structuring and Modularizing the Network                   |
|          |                |            | <u> </u>   |
|          |                | Cisco DE   | ESGN 2.1: Designing Basic Campus and Data Center Networks            |
|          |                | Cisco DE   | ESGN 2.1: Identifying WAN Technology Considerations                  |
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|          |                | Cisco DE   | ESGN 2.1: Designing the Enterprise WAN and Branch                    |
|          |                | Cisco DE   | ESGN 2.1: Designing IP Addressing                                    |
|          |                | Cisco DE   | ESGN 2.1: Selecting Routing Protocols                                |
|          |                | Cisco DE   | ESGN 2.1: Defining Network Security                                  |
|          |                | Cisco DE   | ESGN 2.1: Security Solutions for the Network                         |
|          |                | Cisco DE   | ESGN 2.1: Integrating Voice and Video Architectures                  |
|          |                | Cisco DE   | ESGN 2.1: Voice and Video Technology Requirements                    |
|          |                | Cisco DE   | ESGN 2.1: Design Considerations for Basic Wireless Networking        |
|          | TVOICE         |            | shooting Cisco Unified Communications                                |
|          |                | o: T)      | VOIDE 0.0 T I  |
|          |                | Cisco I V  | VOICE 8.0: Troubleshooting Unified Communications Solutions Overview |
|          |                | Cisco TV   | VOICE 8.0: Troubleshooting Device and Extension Mobility             |
|          |                |            | VOICE 8.0: Troubleshooting Call Setup Issues                         |
|          |                | Cisco TV   | VOICE 8.0: Cisco Unified Communications Manager Troubleshooting      |
|          |                | Cisco TV   | VOICE 8.0: Troubleshooting Off-Net Calling Issues                    |
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| Cisco TVOICE 8.0: Troubleshooting SAF and CCD Issues                             |
| Cisco TVOICE 8.0: Troubleshooting Cisco Unified Mobility and CUCM Presence       |
| Cisco TVOICE 8.0: Troubleshooting MOH and MTP Issues                             |
| Cisco TVOICE 8.0: Troubleshooting Conference and Transcoder Issues               |
| Cisco TVOICE 8.0: Troubleshooting RSVP Agents and Voice Quality Issues           |
| Firewall 2.0 : Deploying Cisco ASA Firewall Solutions                            |
| Cisco FIREWALL 2.0: Introduction to the Cisco ASA Adaptive Security Appliance    |
| Cisco FIREWALL 2.0: Getting Started with Cisco ASA and Cisco ASDM                |
| Cisco FIREWALL 2.0: Configuring Cisco ASA Interfaces and Static Routing          |
| Cisco FIREWALL 2.0: Configuring Cisco ASA Management Features                    |
| Cisco FIREWALL 2.0: Configuring Cisco ASA NAT Features                           |
| Cisco FIREWALL 2.0: Configuring Cisco ASA Basic Access Control Features          |
| Cisco FIREWALL 2.0: Configuring Routing Features and the Transparent Firewall    |
| Cisco FIREWALL 2.0: The Modular Policy Framework and Traffic Inspection Policies |
| Cisco FIREWALL 2.0: ASA Advanced Application Inspections and User-Based Policies |

| Cisco FIREWALL 2.0: ASA Interface Redundancy and Active/Standby Availability  Cisco FIREWALL 2.0: ASA Security Contexts and Active/Active High Availability  VPN 2.0: Deploying Cisco ASA VPN Solutions  Cisco VPN 2.0: Evaluating the Cisco ASA VPN Architecture  Cisco VPN 2.0: Implementing Core Cisco ASA Policy Configurations and PKI Services Cisco VPN 2.0: Deploying Clientless SSL VPNs  Cisco VPN 2.0: Policy Configurations and PKI Services  Cisco VPN 2.0: Cisco AnyConnect Remote Access SSL Solutions  Cisco VPN 2.0: Deploying Advanced AAA in Cisco Full-Tunnel VPNs  Cisco VPN 2.0: Cisco ASA Adaptive Security Appliance Remote Access IPsec VPNs  Cisco VPN 2.0: Cisco ASA Site-to-Site IPsec VPN Solutions  Cisco VPN 2.0: Implementing Cisco Secure Desktop and DAP for SSL VPNs  Cisco VPN 2.0: Deploying High Availability Features in Cisco ASA VPNs  ICND 1.2.0: Interconnecting Cisco Networking Devices Part 1  ICND 1.2.0: Networking, Communications, and LANs ICND 1.2.0: Switch Operations ICND 1.2.0: Switch Operations | Solution |            |                 | a ====  |
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| Cisco VPN 2.0: Evaluating the Cisco ASA VPN Architecture  Cisco VPN 2.0: Implementing Core Cisco ASA VPN Architecture  Cisco VPN 2.0: Implementing Core Cisco ASA Policy Configurations and PKI Services Cisco VPN 2.0: Deploying Clientless SSL VPNs  Cisco VPN 2.0: Policy Configurations and PKI Services  Cisco VPN 2.0: Policy Configurations and PKI Services  Cisco VPN 2.0: Cisco AnyConnect Remote Access SSL Solutions  Cisco VPN 2.0: Deploying Advanced AAA in Cisco Full-Tunnel VPNs  Cisco VPN 2.0: Cisco ASA Adaptive Security Appliance Remote Access IPsec VPNs  Cisco VPN 2.0: Cisco ASA Site-to-Site IPsec VPN Solutions  Cisco VPN 2.0: Implementing Cisco Secure Desktop and DAP for SSL VPNs  Cisco VPN 2.0: Deploying High Availability Features in Cisco ASA VPNs  ICND1 2.0: Operating Cisco Networking Devices Part 1  ICND1 2.0: Networking, Communications, and LANs ICND1 2.0: Switch Operations   | Area (   | Curriculum | Series          | Course Title  |
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| Cisco VPN 2.0: Evaluating the Cisco ASA VPN Architecture  Cisco VPN 2.0: Implementing Core Cisco ASA VPN Architecture  Cisco VPN 2.0: Implementing Core Cisco ASA Policy Configurations and PKI Services Cisco VPN 2.0: Deploying Clientless SSL VPNs  Cisco VPN 2.0: Policy Configurations and PKI Services  Cisco VPN 2.0: Policy Configurations and PKI Services  Cisco VPN 2.0: Cisco AnyConnect Remote Access SSL Solutions  Cisco VPN 2.0: Deploying Advanced AAA in Cisco Full-Tunnel VPNs  Cisco VPN 2.0: Cisco ASA Adaptive Security Appliance Remote Access IPsec VPNs  Cisco VPN 2.0: Cisco ASA Site-to-Site IPsec VPN Solutions  Cisco VPN 2.0: Implementing Cisco Secure Desktop and DAP for SSL VPNs  Cisco VPN 2.0: Deploying High Availability Features in Cisco ASA VPNs  ICND1 2.0: Operating Cisco Networking Devices Part 1  ICND1 2.0: Networking, Communications, and LANs ICND1 2.0: Switch Operations   |          |            |                 |   |
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| Cisco VPN 2.0: Cisco ASA Adaptive Security Appliance Remote Access IPsec VPNs  Cisco VPN 2.0: Cisco ASA Site-to-Site IPsec VPN Solutions  Cisco VPN 2.0: Implementing Cisco Secure Desktop and DAP for SSL VPNs  Cisco VPN 2.0: Deploying High Availability Features in Cisco ASA VPNs  ICND1 2.0: Interconnecting Cisco Networking Devices Part 1  ICND1 2.0: Operating Cisco IOS Software  ICND1 2.0: Networking, Communications, and LANs  ICND1 2.0: Switch Operations  |          |            | Cisco V/PN      | N 2.0: Deploying Advanced AAA in Cisco Full-Tuppel VPNs                   |
| Cisco VPN 2.0: Cisco ASA Site-to-Site IPsec VPN Solutions  Cisco VPN 2.0: Implementing Cisco Secure Desktop and DAP for SSL VPNs  Cisco VPN 2.0: Deploying High Availability Features in Cisco ASA VPNs  ICND1 2.0: Interconnecting Cisco Networking Devices Part 1  ICND1 2.0: Operating Cisco IOS Software  ICND1 2.0: Networking, Communications, and LANs  ICND1 2.0: Switch Operations   |          |            | CISCO VEIN      | 1 2.0. Deploying Advanced AAA in Cisco Full-Tullilei VFNs                 |
| Cisco VPN 2.0: Implementing Cisco Secure Desktop and DAP for SSL VPNs  Cisco VPN 2.0: Deploying High Availability Features in Cisco ASA VPNs  ICND1 2.0: Interconnecting Cisco Networking Devices Part 1  ICND1 2.0: Operating Cisco IOS Software  ICND1 2.0: Networking, Communications, and LANs  ICND1 2.0: Switch Operations  |          |            | Cisco VPN       | N 2.0: Cisco ASA Adaptive Security Appliance Remote Access IPsec VPNs     |
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| ICND1 2.0: Interconnecting Cisco Networking Devices Part 1 ICND1 2.0: Operating Cisco IOS Software ICND1 2.0: Networking, Communications, and LANs ICND1 2.0: Switch Operations   |          |            | Cisco VPN       | N 2.0: Implementing Cisco Secure Desktop and DAP for SSL VPNs             |
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| ICND1 2.0: Ethernet Operations  |          |            |                 |   |
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| Area              | Curriculum | Series        | Course Title   |  |
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| EMC               | FMO I      | -f            | and the same of th |  |
|                   | EMIC II    |               | orage and Management (ISM) v2  |  |
|                   |            |               | SM v2: Data Center Environment   |  |
|                   |            |               | SM v2: RAID and Intelligent Storage Systems  |  |
|                   |            | EMC ISI       | SM v2: FC SAN, IP SAN, and FCoE  |  |
|                   |            | EMC ISN       | SM v2: NAS, Object-based Storage, and Unified Storage  |  |
|                   |            | EMC ISN       | SM v2: Business Continuity, Backup, Replication, and Archiving   |  |
|                   |            | EMC ISN       | SM v2: Remote Replication and Cloud Computing  |  |
|                   |            | EMC ISN       | SM v2: Securing the Storage Infrastructure   |  |
|                   |            | EMC ISN       | SM v2: Managing the Storage Infrastructure   |  |
| <b>Cloud Comp</b> |            |               |  |  |
|                   | Cloud      | Computing for | r Business Professionals   |  |
|                   |            |               | cing Cloud Computing   |  |
|                   |            |               | Business Services into the Cloud   |  |
|                   | Cloud      | Computing for | r IT professionals   |  |
|                   |            |               | Computing Basics   |  |
|                   |            |               | Гесhnology Enablers  |  |
|                   |            | •             | rise Data and Cloud Interaction  |  |
|                   |            |               | ng Infrastructure to the Cloud   |  |
|                   |            |               | r, Presence, and Privacy   |  |
|                   |            | Providing     | ng Cloud Security  |  |
| Mentoring A       |            |               |  |  |
|                   | Mento      | ring Assets   |  |  |
|                   |            | Montaria      | ing 642 002 Implementing Ciaco ID Positing (POLITE)  |  |
|                   |            | ivientorin    | ing 642-902 Implementing Cisco IP Routing (ROUTE)  |  |

| Solution<br>Area | Curriculum | Series Course Title   |
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| 711 00           | <u> </u>   |   |
|                  |            |   |
|                  |            | Mentoring 642-832 Troubleshooting and Maintaining Cisco IP Networks (TSHOOT)    |
|                  |            | Mentoring 642-813 Implementing Cisco IP Switched Networks (SWITCH)              |
|                  |            | Mentoring 640-822 Interconnecting Cisco Networking Devices Part 1 (ICND1)       |
|                  |            | Mentoring 640-816 Interconnecting Cisco Networking Devices Part 2 (ICND2)       |
|                  |            | Mentoring 640-802 Cisco Certified Network Associate (CCNA)                      |
|                  |            | Mentoring Certified Information Systems Security Professional (CISSP)           |
|                  |            | Mentoring 640-461 Intro Cisco Voice and Unified Communications Admin (ICOMM)    |
|                  |            | Mentoring 642-437 Implementing CUC Voice over IP and QoS (CVOICE)               |
|                  |            | Mentoring 642-447 Implementing CUCM, Part 1 (CIPT1)                             |
|                  |            | Mentoring 642-637 Securing Networks with Cisco Routers and Switches (SECURE)    |
|                  |            | Mentoring 642-457 Implementing CUCM, Part 2 (CIPT2)                             |
|                  |            | Mentoring 642-627 Implementing Cisco Intrusion Prevention System (IPS)          |
|                  |            | Mentoring SY0-301 Security+   |
|                  |            | Mentoring 642-467 Integrating Cisco Unified Communications Applications (CAPPS) |
|                  |            | Mentoring 642-427 Troubleshooting Cisco Unified Communications (TVOICE)         |

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| Area       | Curriculum Se    | eries Course Title   |
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|            |                  | Mentoring 640-864 Designing for Cisco Internetwork Solutions (DESGN)  Mentoring Certified Information Systems Auditor (CISA) |
|            |                  | Mentoring Certified Information Systems Additor (CloA)   |
|            |                  | Mentoring Systems Security Certified Practitioner (SSCP)   |
|            |                  | Mantagina Ongiffa Hafa marina Ongiffa Managana (OIOM)  |
|            |                  | Mentoring Certified Information Security Manager (CISM)  |
|            |                  | Mentoring 642-618 Deploying Cisco ASA Firewall Solutions (FIREWALL)  |
|            |                  |  |
|            |                  | Mentoring 642-648 Deploying Cisco ASA VPN Solutions (VPN)  |
|            |                  | Mentoring 640-554 Implementing Cisco IOS Network Security (IINS)   |
|            |                  | Montaring F10 001 Information Starage and Management   |
|            |                  | Mentoring E10-001 Information Storage and Management  Mentoring N10-005 Network+   |
| Test Preps |                  | Montoning 1110 000 Notwork   |
| •          | Test Preps       |  |
|            |                  | TootDrop 642 942 Implementing Cioco ID Switched Networks (SWITCH)  |
|            |                  | TestPrep 642-813 Implementing Cisco IP Switched Networks (SWITCH)  |
|            |                  | TestPrep 642-902 Implementing Cisco IP Routing (ROUTE)   |
|            |                  | TestPrep 642-832 Troubleshooting and Maintaining Cisco IP Networks (TSHOOT)  |
|            |                  | 1000 10p 0 12 002 11000119 and Maintaining 01000 ii 1100 morks (1011001)   |
|            |                  | TestPrep 640-461 Intro Cisco Voice and Unified Communications Admin (ICOMM v8.0)   |
|            |                  | TestPrep Certified Information Systems Security Professional (CISSP)   |
|            |                  | TestPrep SY0-301 Security+   |
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|            |                | TestPrep      | o 640-822 Interconnecting Cisco Networking Devices Part 1 (ICND1) |         |
|            |                | TestPrep      | o 640-864 Designing for Cisco Internetwork Solutions (DESGN)      |         |
|            |                |               | <b>5 5</b> ,  |         |
|            |                | TestPrep      | o 640-816 Interconnecting Cisco Networking Devices Part 2 (ICND2) |         |
|            |                |               |   |         |
|            |                | TestPrep      | o 640-802 Cisco Certified Network Associate (CCNA)                |         |
|            |                | ToetPron      | o Certified Information Security Manager (CISM)                   |         |
|            |                | тезігтер      | 5 Certified Information Security Manager (CISM)                   |         |
|            |                | TestPrep      | o 640-554 Implementing Cisco IOS Network Security (IINS)          |         |
|            |                |               | , , ,   |         |
|            |                | TestPrep      | c E10-001 Information Storage and Management                      |         |
|            |                |               |   |         |
|            |                |               | Systems Security Certified Practitioner (SSCP)                    |         |
|            |                |               | Certified Information Systems Auditor (CISA)                      |         |
|            |                |               | o N10-005 Network+  |         |
|            | DATABASE SYSTE | WS            |   |         |
| Oracle 11g | Oracle         | Database 11a: | New Features For Administrators                                   |         |
|            | Oracic         | Database 11g. | New Features For Administrators                                   |         |
|            |                | Oracle D      | Oatabase 11g: Installation and Upgrade Enhancements               |         |
|            |                |               | Patabase 11g: Storage Enhancements                                |         |
|            |                |               |   |         |
|            |                | Oracle D      | Patabase 11g: Change Management Overview and SQL Plan Management  |         |
|            |                | Oracle D      | Database 11g: Database Replay and Automatic SQL Tuning            |         |
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|            |                | Oracle D      | Oatabase 11g: Intelligent Infrastructure Enhancements             |         |
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| Area     | Curriculum | Series        | Course Title  |  |
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|          |            | Oracle D      | Database 11g: Performance Enhancements                                    |  |
|          |            | Oracle D      | Database 11g: Partitioning and Storage-Related Enhancements               |  |
|          |            | Oracle D      | Database 11g: Using RMAN Enhancements, Flashback and LogMiner             |  |
|          |            |               | Database 11g: Diagnostic Enhancements and Using the Data Recovery Advisor |  |
|          |            | Oracle D      | Database 11g: New Security Features                                       |  |
|          |            | Oracle D      | Database 11g: SecureFiles and Miscellaneous New Features                  |  |
|          | Oracle     | Database 11g: | : Administration Workshop I   |  |
|          |            | Oracle D      | Database 11g: Database Architecture and Installation                      |  |
|          |            | Oracle D      | Database 11g: Database Creation, Instance Management, and Connectivity    |  |
|          |            | Oracle D      | Database 11g: Storage Structures and User Security                        |  |
|          |            | Oracle D      | Database 11g: Managing the Schema, Data, and Concurrency                  |  |
|          |            | Oracle D      | Database 11g: Managing Undo Data, Database Security, and Maintenance      |  |
|          |            | Oracle D      | Database 11g: Performance Monitoring, Recovery Concepts and Backup        |  |
|          |            |               | Database 11g: Recovering, Moving, and Enhancing the Oracle Database       |  |
|          | Oracle     |               | p: Administration Workshop II Database 11g: Database Architecture and ASM |  |
|          |            |               | Database 11g: Configuring for Recovery                                    |  |
|          |            |               | Database 11g: Configuring for Backups                                     |  |
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| Area Curriculum Series Course Title  |
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| Oracle Database 11g: Using RMAN for Recovery   |
| Oracle Database 11g: Supporting RMAN and Using Flashback Technology  |
| Oracle Database 11g: Diagnosing the Database and Managing Memory   |
| Oracle Database 11g: Database Performance and Space Management   |
| Oracle Database 11g: Managing Resources and Task Automation  |
| Oracle Database 11g: Globalization   |
| Oracle Database 11g: SQL and PL/SQL New Features   |
| Getting Started with SQL and PL/SQL New Features   |
| Using Dynamic SQL and Implementing Performance Improvements  |
| Using Trigger, Data Warehousing, and Pivoting Enhancements   |
| Using the PL/SQL Debugger, Collections and Data Warehousing  |
| Oracle Database 11g: SQL Fundamentals I  |
| Oracle Database 11g: Using SQL to Query Your Database  |
| Oracle Database 11g: Conversion Functions, Group Functions, and Joins  |
| Oracle Database 11g: Subqueries, Set Operators, and Data Manipulation  |
| Oracle Database 11g: Using DDL, Views, Sequences, Indexes, and Synonyms  |
| Oracle Database 11g: SQL Fundamentals II   |

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| Area     | Curriculum | Series        | Course Title   |                           |
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|          |            |               |  |                           |
|          |            | Oracle D      | atabase 11g: Controlling User Access and Managing Sche   | ema Objects               |
|          |            | Oracle D      | atabase 11g: Data Dictionary Views and Large Data Sets   |                           |
|          |            | Oracle D      | atabase 11g: Managing Data in Different Time Zones       |                           |
|          |            |               | atabase 11g: Using Subqueries and Regular Expressions    |                           |
|          | Oracle     | Database 11g: | PL/SQL Fundamentals                                      |                           |
|          |            | Oracle D      | atabase 11g: PL/SQL Variables, Attributes, and Executabl | e Statements              |
|          |            | Oracle D      | atabase 11g: Using DML, DDL, Cursors, Control Structure  | s, and Loops              |
|          |            | Oracle D      | atabase 11g: Using Data Types, INDEX BY Tables, and C    | ursors in PL/SQL          |
|          |            |               | atabase 11g: Working with Exceptions, Subprograms, JDe   | eveloper, and REF Cursors |
|          | Oracle     | Database 11g: | Develop PL/SQL Program Units                             |                           |
|          |            | Oracle D      | atabase 11g: Subprograms, Packages, and Exception Har    | ndling in PL/SQL          |
|          |            | Oracle D      | atabase 11g: Packages, Dynamic SQL, and Coding Consi     | derations in PL/SQL       |
|          |            | Oracle D      | atabase 11g: Using Triggers, the PL/SQL Compiler, and M  | lanaging Code             |
|          |            | Oracle D      | atabase 11g: Managing PL/SQL Code and Dependencies       |                           |
|          | Oracle     | Database 11g: | Introduction to SQL                                      |                           |
|          |            |               | atabase 11g: Querying a Database with SQL                |                           |

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|                  |            |  |
|                  |            |  |
|                  |            | Oracle Database 11g: Conversion Functions, Conditional Expressions, Group Functions, and Joins |
|                  |            | Oracle Database 11g: Manipulating Queries and Data   |
|                  |            | Oracle Database 11g: Using DDL, Views, and Schema Objects                                      |
|                  |            | Oracle Database 11g: Controlling User Access and Managing Objects                              |
|                  |            | Oracle Database 11g: Managing Data Dictionary Views and Large Data Sets                        |
|                  |            | Oracle Database 11g: Managing Time Zones and Datetime Functions                                |
|                  |            | Oracle Database 11g: Subqueries and Regular Expressions  |
|                  | Oracle     | Database 11g: Program with PL/SQL  |
|                  |            | Oracle Database 11g: Getting Started With PL/SQL   |
|                  |            | Oracle Database 11g: Using DML, DDL, Cursors, Loops, and Control Structures                    |
|                  |            | Oracle Database 11g: Using Data Types, INDEX BY Tables, and Cursors                            |
|                  |            | Oracle Database 11g: Using Exceptions, Subprograms, JDeveloper, and REF Cursors                |
|                  |            | Oracle Database 11g: Subprograms, Packages, and Exception Handling                             |
|                  |            | Oracle Database 11g: Packages, Dynamic SQL, and Coding Considerations                          |
|                  |            | Oracle Database 11g: Using Triggers and the PL/SQL Compiler                                    |
|                  | Oracle     | Oracle Database 11g: PL/SQL Code and Dependency Management  Database 11g: Performance Tuning   |
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| Alea             | Curriculum Series Course ricie   |
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|                  |  |
|                  | Oracle Database 11g: Performance Tuning Methodology and Tools            |
|                  | Oracle Database 11g: Using AWR and Defining Problems                     |
|                  | Oracle Database 11g: Metrics, Alerts, Baselines, AWR Tools, and Services |
|                  | Oracle Database 11g: Problem SQL Statements and Oracle Optimizer         |
|                  | Oracle Database 11g: SQL Performance Management and Database Replay      |
|                  | Oracle Database 11g: Shared Pool and Buffer Cache Tuning                 |
|                  | Oracle Database 11g: Tuning PGA, Temporary Space, and AMM                |
|                  | Oracle Database 11g: Segment Space, I/O, and Performance Tuning          |
|                  | Oracle Database 11g: SQL Tuning  |
|                  | Oracle Database 11g: Architecture, SQL Tuning, and Optimization          |
|                  | Oracle Database 11g: Indexes, Access Paths, and Join Operations          |
|                  | Oracle Database 11g: Execution Plans and Star Transformations            |
|                  | Oracle Database 11g: Optimizer Statistics, Hints, and Cursor Sharing     |
|                  | Oracle Database 11g: Application Tracing and Automatic SQL Tuning        |
|                  | Oracle Database 11g: Secure Backup                                       |
|                  | Oracle Database 11g: Configuring OSB and Security                        |

| Solution | Curriculum | Sorios          | Course Title  |  |
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| Area     | Curriculum | Series          | Course Title  |  |
|          |            |                 |   |  |
|          |            |                 |   |  |
|          |            | Oracle Da       | atabase 11g: Securing Domain and Data in Oracle Secure Backup   |  |
|          |            | Oracle Da       | atabase 11g: RMAN and Oracle Secure Backup                      |  |
|          |            | Oracle Da       | atabase 11g: Managing Backups and Infrastructure                |  |
|          |            |                 | atabase 11g: Tape Vaulting, Duplication, and Tuning             |  |
|          | Oracle     | Database 11g: F | RAC Administration  |  |
|          |            | Oracle Da       | atabase 11g: Installation of Clusterware and RAC                |  |
|          |            |                 | atabase 11g: RAC Database and Oracle Clusterware Administration |  |
|          |            | Oracle Da       | atabase 11g: RAC Performance Tuning                             |  |
|          |            | Oracle Da       | atabase 11g: Configure, Manage, and Use Services in RAC         |  |
|          |            |                 | atabase 11g: Diagnosing Oracle Clusterware and Node Management  |  |
|          |            | Oracle Da       | atabase 11g: High Availability in RAC                           |  |
|          |            |                 |   |  |
|          |            |                 |   |  |
|          | Oracle     | Database 11g: S | Security  |  |
|          |            | Oracle Da       | atabase 11g: Introduction to Database Security and Solutions    |  |
|          |            |                 | atabase 11g: Database Security                                  |  |
|          |            |                 | atabase 11g: Database Auditing                                  |  |
|          |            | Oracle Da       | atabase 11g: Basic User and Strong Authentication               |  |

| Solution Area Curriculum Series Course Title                                     |
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|  |
| Oracle Database 11g: Enterprise User Security and Proxy Authentication           |
| Oracle Database 11g: Privileges, Roles, and Application Contexts                 |
| Oracle Database 11g: Virtual Private Database                                    |
| Oracle Database 11g: Oracle Label Security and the Data Masking Pack             |
| Oracle Database 11g: Encryption Concepts   |
| Oracle Database 11g: Transparent Data Encryption                                 |
| Oracle Database 11g: Oracle Net Services and Listener Security                   |
| Oracle Database 11g: Firewalls, Oracle Connection Manager, and SQL*Plus Security |
| Oracle Database 11g: New Features for Administrators Release 2                   |
| Oracle Database 11g Release 2: Installation and Oracle Restart                   |
| Oracle Database 11g Release 2: ASM, Storage and Partitioning Enhancements        |
| Oracle Database 11g Release 2: Oracle Partitioning and Security Features         |
| Oracle Database 11g Release 2: Using Change Management Solutions                 |
| Oracle Database 11g Release 2: Intelligent Infrastructure Enhancements           |
| Oracle Database 11g Release 2: Diagnosability Enhancements                       |
| Oracle Database 11g Release 2: SQL Monitoring and Performance Enhancements       |
| Oracle Database 11g Release 2: Application Performance Enhancements              |

| Solution Course Course Title   |  |
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| Area Curriculum Series Course Title  |  |
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|  |  |
| Oracle Database 11g Release 2: Backup, Recover, Archive, and Repair Data     |  |
| Oracle Database 11g Release 2: Oracle Scheduler and Secure Backup            |  |
| Oracle Database 11g: Administration Workshop I Release 2                     |  |
| Oracle Database 11g Release 2: Database Architecture and Installation        |  |
| Oracle Database 11g Release 2: Database Creation and Instance Management     |  |
| Oracle Database 11g Release 2: The ASM Instance and Network Connectivity     |  |
| Oracle Database 11g Release 2: Storage Structures and User Security          |  |
| Oracle Database 11g Release 2: Managing Concurrency, Undo, and Auditing      |  |
| Oracle Database 11g Release 2: Managing Database Maintenance and Performance |  |
| Oracle Database 11g Release 2: Backup and Recovery                           |  |
| Oracle Database 11g Release 2: Moving Data and Oracle Support                |  |
| Oracle Database 11g: Administration Workshop II Release 2                    |  |
| Oracle Database 11g Release 2: Database Architecture and Recovery Operations |  |
| Oracle Database 11g Release 2: The RMAN Catalog and Creating Backups         |  |
| Oracle Database 11g Release 2: Performing Restore and Recovery Tasks         |  |
| Oracle Database 11g Release 2: Using, Monitoring and Tuning RMAN             |  |

| Solution   | Commissoloms | Sovies Course Title  |
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| Area       | Curriculum   | Series Course Title  |
|            |              |  |
|            |              |  |
|            |              | Oracle Database 11g Release 2: Database Diagnostics and Flashback Technologies |
|            |              | Oracle Database 11g Release 2: Managing Database Memory and Performance        |
|            |              | Oracle Database 11g Release 2: Managing Database Resources and the Scheduler   |
|            |              | Oracle Database 11g Release 2: Managing Database Space and Duplication         |
|            | Oracle       | SOA Suite 11g  |
|            |              | Oracle SOA Suite 11g: Introduction to SOA                                      |
|            |              | Oracle SOA Suite 11g: SOA Governance and Service Design                        |
|            |              | Oracle SOA Suite 11g: SOA Composite Applications                               |
|            |              | Oracle SOA Suite 11g: Mediator and BPEL Components                             |
|            |              | Oracle SOA Suite 11g: Human Task and Business Rules Components                 |
|            |              | Oracle SOA Suite 11g: SOA Security and Adoption Planning                       |
| Oracle 10g |              | Gradie Gert Gate Fig. Gert Geoding and Adoption Figure 19                      |
| _          | Oracle       | Database 10g: SQL Fundamentals I and II  |
|            |              |  |
|            |              | Introduction to Oracle and SQL in Oracle Database 10g                          |
|            |              | SQL Functions in Oracle Database 10g   |
|            |              | Displaying Multiple Table Data and Using Set Operators in Oracle Database 10g  |
|            |              | Group and Datetime Functions in Oracle Database 10g                            |
|            |              |  |
|            |              | Subqueries and Hierarchical Queries in Oracle Database 10g                     |

| Solution | C          | Cavina Cavina Title   |
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| Area     | Curriculum | Series Course Title   |
|          |            |   |
|          |            |   |
|          |            | Regular Expressions and User Access in Oracle Database 10g          |
|          |            | Creating and Managing Tables and Constraints in Oracle Database 10g |
|          |            | Database Objects in Oracle Database 10g                             |
|          |            | Managing Database Objects in Oracle Database 10g                    |
|          |            | Manipulating Data in Oracle Database 10g                            |
|          | Oracle     | Database 10g: PL/SQL Fundamentals                                   |
|          |            | Introduction to PL/SQL  |
|          |            | Using PL/SQL with an Oracle Server                                  |
|          |            | Using Control Structures  |
|          |            | Using Composite Data Types  |
|          |            | Explicit Cursors and Exception Errors                               |
|          |            | Creating Stored Procedures and Functions                            |
|          | 0          | Datal and 40 a Davidson Di (00). December 1997                      |
|          | Oracie     | Database 10g: Developing PL/SQL Program Units                       |
|          |            | PL/SQL Packages   |
|          |            | Oracle-Supplied Packages and DBMS_SCHEDULER                         |
|          |            | Managing Dependencies  Managing Large Objects in BL/COL             |
|          |            | Manipulating Large Objects in PL/SQL                                |
|          |            | PL/SQL Triggers   |
|          | Oroolo     | Dynamic SQL and Metadata  |
|          | Oracie     | e Database 10g: New Features I                                      |
|          |            | Oracle Database 10g: New Installation and Configuration Features    |
|          |            | Oracle Database 10g: New Data Loading Features                      |
|          |            |   |

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| Area     | Curriculum | Series Course Title  |               |
|          |            |  |               |
|          |            |  |               |
|          |            | Oracle Database 10g: New Resource, Scheduling, and Task-Manageme     | ent Features  |
|          |            |  | ant i dataros |
|          |            | Oracle Database 10g: New Space Management Features                   |               |
|          |            | Oracle Database 10g: New Storage Features                            |               |
|          | Oracle     | Database 10g: New Features II  |               |
|          |            |  |               |
|          |            | Oracle Database 10g: New Tuning, Performance-monitoring, and Analys  | sis Features  |
|          |            | One de Detakase 40m New Beaking and Beasing Fratius                  |               |
|          |            | Oracle Database 10g: New Backup and Recovery Features                |               |
|          |            | Oracle Database 10g: Using Flashback                                 |               |
|          |            | Oracle Database 10g: New Features in Security and Software Maintena  | nce           |
|          |            | Oracle Database 10g: New Features in VLDB Support                    |               |
|          |            | Oracle Database 10g: Miscellaneous New Features                      |               |
|          | Oracle     | Oatabase 10g: Administration Workshop I Release 2                    |               |
|          |            | <u> </u>   |               |
|          |            | Oracle Database 10g: Installing Oracle Database 10g Release 2        |               |
|          |            | Oracle Database 10g: Creating Databases Release 2                    |               |
|          |            | Oracle Database 10g: Database Interfaces Release 2                   |               |
|          |            |  |               |
|          |            | Oracle Database 10g: Database Control and Storage Structures Release | e 2           |
|          |            | Oracle Database 10g: Users and Security Release 2                    |               |
|          |            | Oragle Detahase 10g: Managing Sahama Objects and Data Balance 2      |               |
|          |            | Oracle Database 10g: Managing Schema Objects and Data Release 2      |               |
|          |            | Oracle Database 10g: The SQL*Loader and PL/SQL Release 2             |               |
|          |            | 7.40.0 2 4.60.400 10g. 1110 0 4.2 204401 4.14 1 2 4.2 11010400 2     |               |
|          |            | Oracle Database 10g: Oracle Net Services and Shared Servers Release  | ÷ 2           |
|          |            |  |               |

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|              | Curriculum             | Series Course Title  |
|              |                        |  |
|              |                        |  |
|              |                        | Oracle Database 10g: Monitoring and Maintenance Release 2                      |
|              |                        | Oracle Database 10g: Managing Undo Data and Lock Conflicts Release 2           |
|              |                        | Oracle Database 10g: Managing Backup and Recovery Release 2                    |
| Systems and  | <b>Database Design</b> |  |
|              | Databa                 | se Fundamentals  |
|              |                        | Database Systems and Relational Databases                                      |
|              |                        | Management of Relational Database Data   |
|              | Databa                 | se Design Fundamentals   |
|              |                        | Introduction to Designing a Relational Database                                |
|              |                        | The Logical and Physical Database Design Methodologies                         |
| Microsoft SQ | L Server 2012          |  |
|              | Micros                 | oft SQL Server 2012: Querying  |
|              |                        | Microsoft SQL Server 2012: Creating Database Objects                           |
|              |                        | Microsoft SQL Server 2012: Querying Basics and Modifying Data                  |
|              |                        | Microsoft SQL Server 2012: Manipulate Data Using Operators and Functions       |
|              |                        | Microsoft SQL Server 2012: Creating Functions and Triggers                     |
|              |                        | Microsoft SQL Server 2012: Creating Programming Objects and Optimizing Queries |
|              |                        | Microsoft SQL Server 2012: Managing XML Data                                   |
|              | Micros                 | oft SQL Server 2012: Database Administration                                   |
|              |                        | Microsoft SQL Server 2012: Installation and Upgrade                            |

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| Area         | Curriculum     | Series           | Course Title   |  |
|              |                |                  |  |  |
|              |                |                  |  |  |
|              |                | Microsoft S      | SQL Server 2012: Instance Configuration and Database Creation      |  |
|              |                | Microsoft S      | SQL Server 2012: Managing Databases and Automating Tasks           |  |
|              |                |                  | SQL Server 2012: Security Management                               |  |
|              |                | Microsoft S      | SQL Server 2012: Managing Database Data                            |  |
|              |                | Microsoft S      | SQL Server 2012: Managing Indexes, Full-Text Search and Partitions |  |
|              |                | Microsoft S      | SQL Server 2012: Backing Up and Restoring Databases                |  |
|              |                | Microsoft S      | SQL Server 2012: Database Monitoring and Performance Tuning        |  |
|              |                | Microsoft S      | SQL Server 2012: Configuring High Availability                     |  |
| Microsoft SC | QL Server 2008 |                  |  |  |
|              | Micros         | oft SQL Server 2 | 2008: Implementation and Maintenance                               |  |
|              |                | SQL Serve        | ver 2008 Installation  |  |
|              |                | SQL Serve        | ver 2008 Instance and Database Configuration                       |  |
|              |                |                  | ver 2008 Security Management                                       |  |
|              |                |                  | ver 2008 Database Management                                       |  |
|              |                | SQL Serve        | ver 2008 Data Management   |  |
|              |                | SQL Serve        | ver 2008 Database Monitoring and Performance                       |  |
|              |                | SQL Serve        | ver 2008 Backups, Restores, and Database Snapshots                 |  |
|              |                | SQL Serve        | ver 2008 High Availability and Disaster Recovery                   |  |
|              | Micros         | oft SQL Server 2 | 2008: Database Development   |  |

| Solution Area Curriculum Series Course Title                               |             |
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| Area Curriculum Series Course ricie  |             |
|  |             |
|  |             |
| Creating and Implementing Database Objects in SQL Server 2008              |             |
| Creating and Modifying Table and Index Partitions in SQL Server 2008       | 3           |
| Running Queries and Manipulating Data in SQL Server 2008                   |             |
| Performing Advanced Query Techniques in SQL Server 2008                    |             |
| Creating and Implementing Programming Objects in SQL Server 2008           |             |
| Querying and Managing XML Data in SQL Server 2008                          |             |
| Using SQL Server 2008 Messaging, Full-Text Search, Scripts, and Tra        | ack Changes |
| Gathering Performance Data in SQL Server 2008                              |             |
| Microsoft SQL Server 2008: Business Intelligence Development and Maintenan | ce          |
| Implementing SQL Server 2008 Integration Services                          |             |
| Configuring SQL Server 2008 Integration Services Packages                  |             |
| Deploying SQL Server 2008 Integration Services Packages                    |             |
| Managing SSIS Packages in SQL Server 2008                                  |             |
| Implementing SQL Server 2008 Reporting Services Solutions                  |             |
| Deploying and Delivering SQL Server 2008 Reporting Services Report         | ts          |
| Maintaining SQL Server 2008 Reporting Services                             |             |
| Implementing SQL Server 2008 Analysis Services Solutions                   |             |
| Querying Cubes and Working with Data Mining in SSAS                        |             |

| Solution |            |   |   |         |
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| Area     | Curriculum | Series                                  | Course Title  | <u></u> |
|          |            |   |   |         |
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|          |            |   |   |         |
|          |            | Managing                                | SQL Server 2008 Analysis Services Solutions                                     |         |
|          | Micros     |   | 2008 R2: Implementation and Maintenance   |         |
|          |            | SQL Serv                                | er 2008 R2: Installation  |         |
|          |            | 001.0                                   | 2000 DO Instance and Detakana Configuration                                     |         |
|          |            |   | er 2008 R2: Instance and Database Configuration er 2008 R2: Security Management |         |
|          |            |   | er 2008 R2: Database Management   |         |
|          |            |   | er 2008 R2: Data Management   |         |
|          |            | 0 | o, 2000 har bata management   |         |
|          |            | SQL Serv                                | er 2008 R2: Database Monitoring and Performance                                 |         |
|          |            |   |   |         |
|          |            |   | er 2008 R2: Backups, Restores, and Database Snapshots                           |         |
|          |            |   | er 2008 R2: High Availability   |         |
|          | Micros     | off SQL Server                          | 2008 R2: Database Development   |         |
|          |            | SOL Serv                                | er 2008 R2: Creating and Implementing Database Objects                          |         |
|          |            |   | er 2008 R2: Creating and Altering Partitions                                    |         |
|          |            |   |   |         |
|          |            | SQL Serv                                | er 2008 R2: Running Queries and Manipulating Data                               |         |
|          |            |   |   |         |
|          |            | SQL Serv                                | er 2008 R2: Performing Advanced Query Techniques                                |         |
|          |            | SOL Some                                | er 2008 R2: Implementing Programming Objects                                    |         |
|          |            | SQL Serv                                | er 2006 KZ. Implementing Programming Objects                                    |         |
|          |            | SQL Serv                                | er 2008 R2: Querying and Managing XML Data                                      |         |
|          |            | · · ·                                   | , 0 0   |         |
|          |            |   | er 2008 R2: Messaging, Full-Text Search, Scripts, and Track Cha                 | nges    |
|          |            | SQL Serv                                | er 2008 R2: Gathering Performance Data  |         |
|          |            |   |   |         |

| Solution<br>Area | Curriculum | Series    | Course Title  |  |
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| Alea             | Curriculum | Series    | Course ritie  |  |
|                  |            |           |   |  |
| Mentoring A      | ssets      |           |   |  |
|                  | Mentori    | ng Assets |   |  |
|                  |            | Mentorin  | ng 1Z0-040 Oracle Database 10g: New Features for Administrators         |  |
|                  |            |           | ng 1Z0-042 Oracle Database 10g: Administration I                        |  |
|                  |            | Mentorin  | ng 1Z0-047 Oracle Database SQL Expert                                   |  |
|                  |            | Mentorin  | ing 1Z0-051 Oracle Database 11g: SQL Fundamentals I                     |  |
|                  |            | Mentorin  | ng 1Z0-050 Oracle Database 11g: New Features for Administrators         |  |
|                  |            | Mentorin  | ng 1Z0-052 Oracle Database 11g: Administration I                        |  |
|                  |            | Mentorin  | ng 1Z0-053 Oracle Database 11g: Administration II                       |  |
|                  |            | Mentorin  | ng 70-432 TS: Microsoft SQL Server 2008, Implementation and Maintenance |  |
|                  |            | Mentorin  | ng 70-433 TS: Microsoft SQL Server 2008, Database Development           |  |
|                  |            | Mentorin  | ng 70-462 Administering Microsoft SQL Server 2012 Databases             |  |
|                  |            | Mentorin  | ng 70-463 Implementing a Data Warehouse with Microsoft SQL Server 2012  |  |
| Test Preps       | Test Pre   | eps       |   |  |
|                  |            | TestPrep  | ep 1Z0-051 Oracle Database 11g: SQL Fundamentals I                      |  |
|                  |            | TestPrep  | ep 1Z0-050 Oracle Database 11g: New Features for Administrators         |  |

| Solution   |                |  |  |
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| Area       | Curriculum     | Series Course Title  |  |
|            |                |  |  |
|            |                |  |  |
|            |                | TestPrep 1Z0-047 Oracle Database SQL Expert  |  |
|            |                | TestPrep 1Z0-042 Oracle Database 10g: Administration I Release 2   |  |
|            |                | TestPrep 1Z0-040 Oracle Database 10g: New Features for Administrators  |  |
|            |                | TestPrep 1Z0-052 Oracle Database 11g: Administration I   |  |
|            |                | TestPrep 70-432 TS: Microsoft SQL Server 2008, Implementation and Maintenance  |  |
|            |                | TestPrep 70-433 TS: Microsoft SQL Server 2008, Database Development  |  |
|            |                | TestPrep 1Z0-053 Oracle Database 11g: Administration II  |  |
|            |                | TestPrep 70-462 Administering Microsoft SQL Server 2012 Databases  |  |
|            |                | TestPrep 70-461 Querying Microsoft SQL Server 2012   |  |
| Oracle 11i | RESOURCE PLANI | NING SYSTEMS   |  |
| Oracle 111 | Oracle         | e 11i E-Business Suite: Essentials for Implementers  |  |
|            | 0.00.0         | Oracle 11i E-Business Suite: Introduction  |  |
|            |                | Oracle 11i E-Business Suite: Multi-Org   |  |
|            |                | Oracle 11i E-Business Suite: Flexfields  |  |
|            |                | Oracle 11i E-Business Suite: System Administration   |  |
|            |                | Oracle 11i E Business Suite: Workflow, Alerte, and Daily Business Intelligence   |  |
|            | Oracle         | Oracle 11i E-Business Suite: Workflow, Alerts, and Daily Business Intelligence 2 11i E-Business Suite: System Administrator Fundamentals |  |
|            | Oracle         | Oracle 11i: Function Security and Data Security  |  |
|            |                | Class Thir another Cooding and Data Cooding  |  |
|            |                | Oracle 11i: Roles, Delegated Administration, Registration, and Auditing  |  |
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| Solution |            |   |
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| Area     | Curriculum | Series Course Title   |
|          |            |   |
|          |            | Oracle 11i: Concurrent Elements   |
|          |            | Oracle 11i: Profile Options, DBA Duties, and Printer Management               |
|          |            | Oracle 11i: Personalization of Forms and OA Framework Pages                   |
|          |            | Oracle 11i: Oracle Workflow   |
|          |            | Oracle 11i: System Monitoring and Troubleshooting in OAM                      |
|          | Oracle 1   | 11i: Project Foundation Fundamentals  |
|          |            | Oracle 11i: Project Management and Projects Integration                       |
|          |            | Oracle 11i: Organization, Period, and Calendar Definitions in Oracle Projects |
|          |            | Oracle 11i: Resource and Role Management                                      |
|          |            | Oracle 11i: Oracle Projects Security Model and Page Layouts                   |
|          |            | Oracle 11i: Oracle Projects and Task Definition I                             |
|          |            | Oracle 11i: Oracle Projects and Task Definition II                            |
|          |            | Oracle 11i: User-Defined Attributes, Implementation Options, and Utilization  |
|          |            | Oracle 11i: Organization Forecasting and Integration                          |
|          | Oracle 1   | 11i: Navigate Oracle Applications   |
|          |            | Oracle 11i: Using the Navigator, Forms, and Online Help                       |
|          |            | Oracle 11i: Concurrent Processing, Requests, Profiles, and Forms              |
| SAP      |            |   |
|          | Overvie    | w of SAP for Project Teams  |
|          |            | Overview of SAP Solutions   |

| Solution   |            |                 |   |          |
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| Area       | Curriculum | Series          | Course Title                            | <b>≡</b> |
|            |            |                 |   | _        |
|            |            |                 |   |          |
|            |            |                 |   |          |
|            |            | Financia        | al Accounting with SAP                  |          |
|            |            |                 | gistics Modules                         |          |
|            |            | SAP ER          | P Architecture                          |          |
|            |            | SAP Adr         | ministration                            |          |
|            |            | SAP Pro         | pject Planning and Implementation       |          |
|            |            | SAP Net         | tWeaver Platform                        |          |
|            | SAP B      | usiness Suite 7 | 7 for End Users                         |          |
|            |            | SAP Ent         | terprise Resource Planning (ERP)        |          |
|            |            | SAP Cus         | stomer Relationship Management (CRM)    |          |
|            |            | SAP Pro         | oduct Lifecycle Management              |          |
|            |            | SAP Sup         | pply Chain Management                   |          |
|            |            | SAP Sup         | pplier Relationship Management          |          |
|            | SAP B      | usiness One fo  | or End Users                            |          |
|            |            | SAP Bus         | siness One - Introduction for End Users |          |
|            | SAP B      | usiness Object  | ts Business Intelligence                |          |
|            |            | SAP Bus         | sinessObjects: Overview                 |          |
|            |            | SAP Bus         | sinessObjects: Crystal Reports          |          |
|            |            | SAP Bus         | sinessObjects: Web Intelligence         |          |
|            |            | SAP Bus         | sinessObjects: Dashboards and Analytics |          |
|            |            | SAP Bus         | sinessObjects: InfoView                 |          |
|            |            | SAP Bus         | sinessObjects: Business Intelligence    |          |
| SAP R/3 Re | lease 4.6  |                 |   |          |
|            | Moving     | g to SAP R/3 Re | elease 4.6                              |          |
|            |            | Navigatii       | ing SAP R/3 Release 4.6                 |          |
|            |            | Using S/        | AP R/3 Release 4.6                      |          |
|            | Overvi     | ew of SAP R/3   | Release 4.6                             |          |
|            |            | SAP R/3         | Release 4.6 Fundamentals                |          |
|            | SAP A      | BAP Programn    | ning Fundamentals                       |          |
|            |            | ABAP F          | undamentals                             |          |
|            |            |                 |   |          |

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| Area              | Curriculum         | Series Course Title                                    |
|                   |                    |  |
|                   |                    |  |
|                   |                    | ABAP Programming I                                     |
|                   |                    | ABAP Programming II                                    |
| <b>WEB DESIGN</b> |                    |  |
| IT Profession     | onal               |  |
|                   | Workii             | ng with HTML5 and CSS3                                 |
|                   |                    | Introduction to HTML5 and CSS3                         |
|                   |                    | Working with Forms, the Canvas, and Media in HTML5     |
|                   |                    | Advanced HTML5   |
| Web Develo        | opment             |  |
|                   | XML E              | Essentials   |
|                   |                    | XML Language Basics                                    |
|                   |                    | Manipulating XML with the XML DOM and Ajax             |
|                   |                    | XML Transformation Using XSLT and XSL-FO               |
|                   |                    | Querying XML Data with XPath and XQuery                |
|                   |                    | Web Services and XML                                   |
| Web Site D        | esign - Principles |  |
|                   | Desigr             | ning and Hosting a Web Site                            |
|                   |                    | Web Development Fundamentals                           |
|                   |                    | Internet Site Development                              |
|                   |                    | Web 2.0 Fundamentals                                   |
| Adobe             |                    |  |
|                   | Adobe              | e Flash CS5  |
|                   |                    | Introduction to Adobe Flash Professional CS5           |
|                   |                    | Drawing and Working with Images in Flash CS5           |
|                   |                    | Using Flash CS5 Libraries, Text, and Components        |
|                   |                    | Animation in Flash CS5                                 |
|                   |                    | ActionScript and Multimedia in Flash CS5               |
|                   |                    | Creating Navigation and Publishing Movies in Flash CS5 |
|                   |                    | Creating Havigation and Edulishing Movies in Flash Coo |

| Solution | Curriculum | Saving Course Title                                     |
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| Area     | Curriculum | Series Course Title                                     |
|          |            |   |
|          |            |   |
|          | Adobe      | e Photoshop CS5   |
|          |            | Photoshop CS5: Getting Started                          |
|          |            | Photoshop CS5: Beyond the Basics                        |
|          | Adobe      | e Dreamweaver CS5                                       |
|          |            | Setting up a Site and Adding Content in Dreamweaver CS5 |
|          |            | Adding Links and Images in Dreamweaver CS5              |
|          |            | <u> </u>  |
|          |            | Tables, Accessibility, and Standards in Dreamweaver CS5 |
|          |            | Reusing Content in Dreamweaver CS5                      |
|          |            | Creating Interactive Web Pages in Dreamweaver CS5       |
|          |            | Cascading Style Sheets in Dreamweaver CS5               |
|          | Adobe      | e PhotoShop CS4   |
|          |            | Photoshop CS4: Getting Started                          |
|          |            | Photoshop CS4: Beyond the Basics                        |
|          | Adobe      | e Illustrator CS4                                       |
|          |            | Illustrator CS4: Getting Started                        |
|          |            | Illustrator CS4: Beyond the Basics                      |
|          | Adobe      | e InDesign CS4  |
|          |            | Adobe InDesign CS4: Fundamentals                        |
|          | Adobe      | e Dreamweaver CS4                                       |
|          |            |   |
|          |            | Setting up a Site and Adding Content in Dreamweaver CS4 |
|          |            | Adding Links and Images in Dreamweaver CS4              |
|          |            | Tables, Accessibility, and Standards in Dreamweaver CS4 |
|          |            | Reusing Content in Dreamweaver CS4                      |
|          |            | Creating Interactive Web Pages in Dreamweaver CS4       |
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| Solution |            |                      |                           |                        |               |  |
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| Area     | Curriculum | Series               | Course Title              |                        | -             |  |
|          |            |                      |                           |                        |               |  |
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|          |            |                      |                           |                        |               |  |
|          |            | Dreamwea             | aver CS4 Site Maintenar   | ce and Advanced Concer | ots           |  |
|          | Adobe      | Flash CS4            |                           |                        | - <del></del> |  |
|          |            | Introductio          | on to Adobe Flash CS4 F   | rofessional            |               |  |
|          |            | Drawing a            | nd Working with Images    | in Flash CS4           |               |  |
|          |            | Using Flas           | sh CS4 Libraries, Text, a | nd Components          |               |  |
|          |            | Animation            | in Flash CS4              |                        |               |  |
|          |            | ActionScri           | pt and Multimedia in Fla  | sh CS4                 |               |  |
|          |            | Workflow             | and Adobe Integration in  | Flash CS4              |               |  |
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|          |            |                      | lavigation and Publishin  | Movies in Flash CS4    |               |  |
|          | Adobe      | AIR for Flash De     | •                         |                        |               |  |
|          | A.I.I.     |                      | for Flash CS4 Develope    | rs                     |               |  |
|          | Adobe      | Fireworks CS4        |                           | -1-                    |               |  |
|          | Adaba      |                      | eworks CS4: Fundamen      | als                    |               |  |
|          | Adobe      | Captivate 4          | ntivoto 4                 |                        |               |  |
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|          | Adobe      | Acrobat 9            |                           |                        |               |  |
|          |            | Adobe Acı            | robat 9: Fundamentals     |                        |               |  |
|          | Adobe      | Acrobat 8.0          |                           |                        |               |  |
|          |            |                      | and Working with PDFs in  |                        |               |  |
|          |            |                      | d Reviewing in Adobe A    |                        |               |  |
|          |            | Forms and            | d Document Security in A  | dobe Acrobat 8         |               |  |
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|              |                  |                | d Features of Adobe Acrobat 8               |  |
|              | Adobe            |                |   |  |
|              |                  |                | r 3 for Flash CS5.5 Developers              |  |
|              | Adobe            | InDesign CS5   |   |  |
|              |                  | Adobe Ir       | Design CS5: Fundamentals                    |  |
| Scripting an | nd Web Languages |                |   |  |
|              | JavaS            | cript Fundamer | tals  |  |
|              |                  |                | ot Language Basics                          |  |
|              |                  | JavaScri       | ot: Objects and Object-oriented Programming |  |
|              |                  | JavaScri       | ot: Functions and Regular Expressions       |  |
|              |                  | JavaScri       | ot: Browser Scripting Fundamentals          |  |
|              |                  | JavaScri       | ot: Advanced Browser Scripting and DHTML    |  |
|              | DHTM             | L Basics       |   |  |
|              |                  | DHTML          | and Cascading Style Sheets                  |  |
|              |                  | Making (       | content Dynamic with DHTML                  |  |
|              | Advan            | ced XML        |   |  |
|              |                  | Structuri      | ng XML with Schemas                         |  |
|              |                  | Advance        | d Schemas                                   |  |
|              |                  | Transfor       | ning and Formatting XML                     |  |
|              |                  | Querying       | , Navigating, and Linking XML Data          |  |
|              |                  | XML API        | 8   |  |
|              |                  | Extendin       | g XML                                       |  |

| <b>BUSINESS SKILLS F</b> | OR THE IT PROFESSIONAL               |
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| IT Business              |                                      |
|                          | Information Security for End Users   |
|                          | Introduction to Information Security |

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|          |            |                 | 11 Edition Overview: Certif   | cation and Benefits                       |       |
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|            |            |  | Interactions  |  |
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|            |            |  | tress, and Time Management  |  |
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| Test Preps |            |  | . <u> </u>  |  |
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| Area Curriculum Series Course Title  TestPreps  TestPrep ITIL Foundation  PROJECT EFFECTIVENESS  Project Management Curriculum  Project Management For Non-Project Managers  Project Management Fundamentals  Transitioning into a Project Management Role Initiating and Planning a Project Managing a Project Managing a Project Managers  Troubleshooting and Closing the Project Project Management for Non-Project Managers  Managing Projects with No Direct Authority Supporting Project Managers  Ensuring Management Buy-In on a Project Managing Project Managers  Ensuring Management Buy-In on a Project Managing Conflict in Project Teams  Handling a Change Request Scope Definition Tools and Techniques Managing Scope on a Project Weighing the Costs of Project Change Managing Vendor Relationships  Anticipating and Solving Problems as a Project Champion Addressing Stakeholder Conflicts  Portfolios, Programs, and Projects: What's the Difference? Controlling Project Cost Mitigating Risks when Improving Processes Ethics and Risks: Why they Matter in Project Success | Solution     |            |           |  |  |
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| Supporting Project Managers Ensuring Management Buy-In on a Project Managing Conflict in Project Teams Handling a Change Request Scope Definition Tools and Techniques Managing Scope on a Project Weighing the Costs of Project Change Managing Vendor Relationships  Anticipating and Solving Problems as a Project Champion Addressing Stakeholder Conflicts  Portfolios, Programs, and Projects: What's the Difference? Controlling Project Cost Mitigating Risks when Improving Processes Ethics and Risks: Why they Matter in Project Success   |              |            |           | , , , , , , , , , , , , , , , , , , ,            |  |
| Ensuring Management Buy-In on a Project  Managing Conflict in Project Teams  Handling a Change Request Scope Definition Tools and Techniques Managing Scope on a Project Weighing the Costs of Project Change Managing Vendor Relationships  Anticipating and Solving Problems as a Project Champion Addressing Stakeholder Conflicts  Portfolios, Programs, and Projects: What's the Difference? Controlling Project Cost Mitigating Risks when Improving Processes Ethics and Risks: Why they Matter in Project Success   |              |            | Managin   | ng Projects with No Direct Authority             |  |
| Managing Conflict in Project Teams Handling a Change Request Scope Definition Tools and Techniques Managing Scope on a Project Weighing the Costs of Project Change Managing Vendor Relationships  Anticipating and Solving Problems as a Project Champion Addressing Stakeholder Conflicts  Portfolios, Programs, and Projects: What's the Difference? Controlling Project Cost Mitigating Risks when Improving Processes Ethics and Risks: Why they Matter in Project Success   |              |            | Supportir | ing Project Managers                             |  |
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| Project Management Essentials   |              |            |           | <u> </u>   |  |
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| Solution Area Curriculum Series Course Title  |  |
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| Area Curriculum Series Course ritle   |  |
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| Managing Projects within Organizations (PMBOK® Guide Fifth Edition)   |  |
| Project Management Overview (PMBOK® Guide Fifth Edition)  |  |
| Project Management Process Groups (PMBOK® Guide Fifth Edition)  Project Integration Management (PMBOK® Guide - Fifth Edition-aligned) |  |
| Project integration management (PMBON® Guide - Firth Edition-aligned)   |  |
| Integrated Initiation and Planning (PMBOK® Guide Fifth Edition)   |  |
| Direct, Monitor, and Control Project Work (PMBOK® Guide Fifth Edition)  |  |
| Controlling Changes and Closing a Project (PMBOK® Guide Fifth Edition)  |  |
| Project Scope Management (PMBOK® Guide - Fifth Edition-aligned)   |  |
| Project Requirements and Defining Scope (PMBOK® Guide Fifth Edition)  |  |
| Creating the Work Breakdown Structure (PMBOK® Guide Fifth Edition)  |  |
| Monitoring and Controlling Project Scope (PMBOK® Guide Fifth Edition)   |  |
| Project Time Management (PMBOK® Guide - Fifth Edition-aligned)  |  |
| Defining and Sequencing Project Activities (PMBOK® Guide Fifth Edition)   |  |
| Estimating Activity Resources and Durations (PMBOK® Guide Fifth Edition)  |  |
| Developing and Controlling the Project Schedule (PMBOK® Guide Fifth Edition)  |  |
| Project Cost Management (PMBOK® Guide - Fifth Edition-aligned)  |  |

| Solution | Curriculum | Series       | Course Title  |  |
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| Area     | Curriculum | Series       | Course Title  |  |
|          |            |              |   |  |
|          |            | Planning     | g Project Costs (PMBOK® Guide Fifth Edition)  |  |
|          |            | Controllin   | ling Project Costs (PMBOK® Guide Fifth Edition)   |  |
|          | Project    |              | ngement (PMBOK® Guide - Fifth Edition-aligned)  |  |
|          |            | Plan Qua     | uality Management (PMBOK® Guide Fifth Edition)  |  |
|          |            | Quality As   | Assurance and Quality Control (PMBOK® Guide Fifth Edition)  |  |
|          | Project    | Human Resou  | urce Management (PMBOK® Guide - Fifth Edition-aligned)  |  |
|          |            | Planning     | g Project Human Resources (PMBOK® Guide Fifth Edition)  |  |
|          |            | Managing     | ng Project Human Resources (PMBOK® Guide Fifth Edition)   |  |
|          | Project    | Communicatio | ions Management (PMBOK® Guide - Fifth Edition-aligned)  |  |
|          |            | Plan and     | d Manage Project Communications (PMBOK® Guide Fifth Edition)  |  |
|          |            | Control P    | Project Communications (PMBOK® Guide Fifth Edition)   |  |
|          | Project    |              | ment (PMBOK® Guide - Fifth Edition-aligned)   |  |
|          |            | Risk Man     | anagement Planning (PMBOK® Guide Fifth Edition)   |  |
|          |            | Identifying  | ing Project Risks (PMBOK® Guide Fifth Edition)  |  |
|          |            | Performin    | ning Risk Analysis (PMBOK® Guide Fifth Edition)   |  |
|          | Project    |              | esponse and Control (PMBOK® Guide Fifth Edition)  t Management (PMBOK® Guide - Fifth Edition-aligned) |  |
|          |            | Planning     | g Project Procurement Management (PMBOK® Guide Fifth Edition)   |  |

| Solution<br>Area | Curriculum | Series Course Title   |
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|                  |            |   |
|                  |            |   |
|                  |            | Managing Proguraments (PMPOK) rag: Cuido Eifth Edition)   |
|                  | Project    | Managing Procurements (PMBOK® Guide Fifth Edition)  Stakeholder Management (PMBOK® Guide - Fifth Edition-aligned) |
|                  | 1 10,601   | Otakeholder Management (1 MDON® Odide - 1 httl Edition-anghed)  |
|                  |            | Project Stakeholder Management (PMBOK® Guide Fifth Edition)   |
|                  |            |   |
|                  |            | Managing and Controlling Stakeholder Engagement (PMBOK® Guide Fifth Edition)                                      |
|                  | Project    | Management Essentials - (PMBOK® Guide - Fourth Edition-aligned)   |
|                  |            | Managing Projects within Organizations  |
|                  |            | Project Management Overview   |
|                  |            | Project Management Process Groups   |
|                  | Project    | Integration Management (PMBOK® Guide - Fourth Edition-aligned)  |
|                  |            | Integrated Initiation and Planning  |
|                  |            | Integrated Project Execution, Monitoring, and Control   |
|                  |            | Integrated Project Change Control and Close   |
|                  | Project    | Scope Management (PMBOK® Guide - Fourth Edition-aligned)  |
|                  |            | Project Requirements and Defining Scope   |
|                  |            | Create Work Breakdown Structure   |
|                  |            | Monitoring and Controlling Project Scope  |
|                  | Project    | Time Management (PMBOK® Guide - Fourth Edition-aligned)   |
|                  |            | Defining and Sequencing Project Activities  |
|                  |            | Estimating Activity Resources and Durations   |
|                  |            | Developing and Controlling the Project Schedule   |
|                  | Project    | Cost Management (PMBOK® Guide - Fourth Edition-aligned)   |
|                  |            | Estimating and Budgeting Project Costs  |
|                  |            | Controlling Costs   |
|                  | Project    | Quality Management (PMBOK® Guide - Fourth Edition-aligned)  |
|                  |            | Project Quality Planning  |
|                  |            | Quality Assurance and Quality Control   |

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| Area     | Curriculum | Series           | Course Title                      |                                    |  |
|          |            |                  |                                   |                                    |  |
|          |            |                  |                                   |                                    |  |
|          | Projec     | t Human Resou    | rce Management (PMBOK®            | Guide - Fourth Edition-aligned)    |  |
|          |            | Planning         | Project Human Resources           |                                    |  |
|          |            | Managin          | g Project Human Resources         |                                    |  |
|          |            | Planning         | and Managing Project Huma         | n Resources Simulation             |  |
|          | Projec     | t Communication  | ons Management (PMBOK®            | Guide - Fourth Edition-aligned)    |  |
|          |            | Ctalcabal        | dara and the Communication        | Managament Plan                    |  |
|          |            |                  | ders and the Communication        |                                    |  |
|          |            | Processe         | es for Managing Project Com       | nunications                        |  |
|          |            | Commur           | nicating Effectively with Project | t Stakeholders Simulation          |  |
|          | Projec     |                  | nent (PMBOK® Guide - Fou          |                                    |  |
|          |            | Risk Mar         | nagement Planning                 | <u> </u>                           |  |
|          |            |                  | ig Project Risks                  |                                    |  |
|          |            | Performi         | ng Risk Analysis                  |                                    |  |
|          |            | Risk Res         | sponse, Monitor, and Control      |                                    |  |
|          | Progra     | ım Managemen     | t (PMI® Second Edition-alig       | ned)                               |  |
|          |            | Introduct        | ion to Program Management         |                                    |  |
|          |            | Program          | Life Cycle and Benefits Mana      | agement                            |  |
|          | Projec     | t Procurement    | Management (PMBOK® Gu             | de - Fourth Edition-aligned)       |  |
|          |            | Planning         | Project Procurement               |                                    |  |
|          |            | Managin          | g Procurements                    |                                    |  |
|          | Code       | of Ethics and Pr | rofessional Conduct (PMI®         | Standard-aligned)                  |  |
|          |            | The Role         | e of Ethics in Project Manager    | nent                               |  |
|          |            | Core PM          | I® Values and Ethical Standa      | ırds                               |  |
|          | IT Proj    | ject Managemer   | nt Essentials                     |                                    |  |
|          |            |                  |                                   |                                    |  |
|          |            | IT Projec        | t Management Essentials: In       | roduction to IT Project Management |  |

| Area Curriculum Series Course Title  |  |
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|  |  |
| IT Project Management Essentials: Initiating and Planning IT Projects            |  |
| IT Project Management Essentials: Executing IT Projects                          |  |
| IT Project Management Essentials: Monitoring and Controlling IT Projects         |  |
| IT Project Management Essentials: Managing Risks in an IT Project                |  |
| IT Project Management Essentials: Testing Deliverables and Closing IT Projects   |  |
| Managing Software Project Outsourcing  |  |
| Managing Software Project Outsourcing: Preparing to Manage an Outsourced Project |  |
| Managing Software Project Outsourcing: Developing a Vendor Contract              |  |
| Managing Software Project Outsourcing: Working with the Outsourced Team          |  |
| Managing Software Project Outsourcing: Dealing with Risks                        |  |
| Agile Practitioner - (PMI-ACP & ScrumMaster aligned)                             |  |
| Agile Project Management Essentials  |  |
| Adopting an Agile Approach to Project Management                                 |  |
| An Overview of Agile Methodologies   |  |
| Overview of the Scrum Development Process  |  |
| Agile Planning: Project Initiating and Requirements Gathering                    |  |
| Agile Planning: Doing Estimates and Completing the Release Plan                  |  |
| Planning and Monitoring Iterations on an Agile Project                           |  |

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| Area     | Curriculum | Series         | Course Title   |  |
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|          |            | Leading a      | an Agile Team  |  |
|          |            |                | <u> </u>   |  |
|          |            | Managing       | g Stakeholder Engagement on an Agile Project                                   |  |
|          |            | Encuring       | Delivery of Value and Quality in Agile Projects                                |  |
|          |            |                | Il® Values and Ethical Standards   |  |
|          | PRINCE     | E2®: 2009 Foun |  |  |
|          |            |                |  |  |
|          |            | Overview       | v of Project Management (PRINCE2®: 2009-aligned)                               |  |
|          |            |                |  |  |
|          |            | Project Or     | Organization, Planning and Risk (PRINCE2®: 2009-aligned)                       |  |
|          |            | Project O      | Quality, Change and Progress (PRINCE2®: 2009-aligned)                          |  |
|          |            | i iojeci Qi    | adality, Change and Frogress (France 2009-aligned)                             |  |
|          |            | Starting U     | Up, Initiating and Directing a Project (PRINCE2®: 2009-aligned)                |  |
|          |            |                |  |  |
|          |            | Controlling    | ng, Managing and Closing a Project (PRINCE2®: 2009-aligned)                    |  |
|          |            | Tailarina [    | DDINGES to a Decidat Environment (DDINGES®) 2000 alimand                       |  |
|          | Menter     | ing Assets     | PRINCE2 to a Project Environment (PRINCE2®: 2009-aligned)                      |  |
|          | Wenton     |                | g PRINCE2: Foundation  |  |
|          |            | wientening     | g i i i i i o a i dation   |  |
|          |            | Mentoring      | g Project Management Professional (PMP) PMBOK Guide 5th Edition Aligned        |  |
|          |            |                |  |  |
|          |            |                | g Certified Associate in Project Management (CAPM) PMBOK Guide 5th Ed.         |  |
|          | Test Pr    | •              | PRIMORO F I d  |  |
|          |            | TestPrep       | PRINCE2: Foundation  |  |
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| Area       | Curriculum     | Series    | Course Title  |  |
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|            |                | TestPrep  | ep Certified Associate in Project Management (CAPM) PMBOK Guide 5th Ed. |  |
| Team Build | ing Curriculum |           |   |  |
|            | Optimi         |           | formance On a Team  |  |
|            |                |           | n Effective Team Member   |  |
|            |                |           | shing Team Goals and Responsibilities                                   |  |
|            |                |           | ts of a Cohesive Team   |  |
|            |                |           | e Team Communication  |  |
|            |                |           | eedback to Improve Team Performance                                     |  |
|            |                |           | and Politics in Matrixed Teams  |  |
|            | Leadin         | g Teams   |   |  |
|            |                | Leading   | g Teams: Launching a Successful Team                                    |  |
|            |                | Leading   | g Teams: Establishing Goals, Roles, and Guidelines                      |  |
|            |                |           | g Teams: Developing the Team and its Culture                            |  |
|            |                | Leading   | Teams: Building Trust and Commitment                                    |  |
|            |                | Leading   | Teams: Fostering Effective Communication and Collaboration              |  |
|            |                | Leading   | g Teams: Motivating and Optimizing Performance                          |  |
|            |                | Leading   | Teams: Dealing with Conflict  |  |
|            |                | Leading   | Teams: Managing Virtual Teams   |  |
|            |                | Building  | Trust Incrementally   |  |
|            |                | Inspiring | g your Team   |  |
|            |                |           | t Your Leader   |  |
|            |                | Developi  | ping Self-Sufficient Teams  |  |
|            |                | Choosing  | ng the Right Team Culture   |  |
|            |                | Managin   | ng Communications in a Virtual Team                                     |  |
|            |                | Building  | g and Leading Teams   |  |

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| Area         | Curriculum | Series         | Course Title   |
|              |            |                |  |
|              |            |                |  |
|              |            | Meeting        | g Team Performance Challenges  |
| Business A   | •          |                |  |
|              | Certific   | ed Business An | nalysis Professional (CBAP™) - BABOK® Guide V2.0 aligned   |
|              |            | Introduct      | ction to Business Analysis and Essential Competencies  |
|              |            | Introduct      | ction to Business Analysis Planning  |
|              |            |                | · · · · · · · · · · · · · · · · · · ·  |
|              |            | Planning       | g Business Analysis Communication and Monitoring   |
|              |            | Business       | ss Analysis Requirements Elicitation   |
|              |            |                |  |
|              |            |                | ss Analysis Requirements Management and Communication  |
|              |            | Business       | ss Analysis: Enterprise Analysis   |
|              |            | Rucinoco       | ss Analysis: Introduction to Requirements Analysis   |
|              |            |                | ss Analysis: Introduction to Requirements Analysis ss Analysis: Verify and Validate Requirements |
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|              |            | Business       | ss Analysis: Solution Assessment and Validation  |
| Element K IT |            |                | a Thaifeid. Column Theododinon and Tanadalon   |
| Database C   | oncepts    |                |  |
|              | •          | storage        |  |
|              |            |                |  |
|              |            | Fundame        | nentals of Data Protection and Disaster Recovery   |
|              | SQL        |                | ·  |
|              |            | SQL: Fui       | undamentals of Querying (Fourth Edition)   |
| IBM® Lotus   | ® Domino®  |                |  |
|              | IBM® I     | Lotus® Domino  | o® 7   |
|              |            | Configur       | ring IBM® Lotus® Domino® 7 Web Servers   |
|              |            |                |  |
|              |            | Developi       | oing IBM® Lotus® Domino® 7 Applications: Intermediate Skills                                     |
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| Solution Area Curriculum Series Course Title  |
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|   |
| Help Desk Basic Troubleshooting for IBM® Lotus® Domino® 7   |
| Help Desk Fundamentals for IBM® Lotus® Domino® 7  IBM® Lotus® Domino® 8   |
| IDMS Lotus Dominos 0  |
| Creating IBM® Lotus® Domino® 8 Web Services Using LotusScript®  |
| Exploring New Features in IBM® Lotus® Domino Designer® 8  |
| IBM® Lotus® Domino® 8.5   |
| Building the IBM® Lotus® Domino® 8.5 Infrastructure (D8L76) -Adding IBM® Lotus Notes® Clients                   |
|   |
| Building the IBM® Lotus® Domino® 8.5 Infrastructure (D8L76) -Adding IBM® Lotus® Domino® Servers                 |
| Building the IBM® Lotus® Domino® 8.5 Infrastructure (D8L76) -Configuring Basic Intranet Mail Routing            |
| Building the IBM® Lotus® Domino® 8.5 Infrastructure (D8L76) -Configuring Mail Routing to the Internet           |
| Building the IBM® Lotus® Domino® 8.5 Infrastructure (D8L76) -Implementing Mail Rules and Storage Limits         |
| Building the IBM® Lotus® Domino® 8.5 Infrastructure (D8L76) -Monitoring Mail                                    |
| Building the IBM® Lotus® Domino® 8.5 Infrastructure (D8L76) -Resolving Common Mail Routing Problems             |
| Building the IBM® Lotus® Domino® 8.5 Infrastructure (D8L76) -Setting Up Server Administration                   |
| Building the IBM® Lotus® Domino® 8.5 Infrastructure (D8L76) -Synchronizing IBM® Lotus® Domino® System Databases |
| IBM Lotus Domino 8.5 System Administration Fundamentals (D8L75) - Comprehensive                                 |

| Solution<br>Area | Curriculum S            | Series Course Title  |
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|                  |                         |  |
| Programmir       | ng Concepts             |  |
|                  | SQL                     |  |
|                  |                         | SQL: Advanced Querying (Fourth Edition)  |
| Communica        | tions Technologies      |  |
|                  | ATM                     |  |
|                  |                         | Fundamentals of Asynchronous Transfer Mode (ATM)   |
|                  | Data Comm               | nunications  |
|                  |                         | Fundamentals of Multiprotocol Label Switching (MPLS)   |
|                  |                         | Fundamentals of Switching Technologies   |
|                  | TCP/IP                  |  |
|                  |                         | Data Communication Over TCP/IP V6 Networks   |
|                  | Telecommu               | unication Basics   |
|                  |                         | Fundamentals of Quality of Service (QoS)   |
|                  | Wireless                |  |
|                  |                         | Fundamentals of Global System for Mobile Communications (GSM)  |
|                  |                         | Fundamentals of WiMAX  |
|                  |                         | Introduction to Wireless Communication   |
| Hardware, N      | letworks, & Operating S | Systems  |
|                  | CompTIA                 |  |
|                  |                         |  |
|                  |                         | CompTIA® Advanced Security Practitioner (CASP) (Exam CAS-001): Application Security Design (Part 5 of 8)     |
|                  |                         | CompTIA® Advanced Security Practitioner (CASP) (Exam CAS-001): Enterprise Resource Technology (Part 3 of 8)  |
|                  |                         |  |
|                  |                         | CompTIA® Advanced Security Practitioner (CASP) (Exam CAS-001): Enterprise Security Integration (Part 7 of 8) |
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| Solution<br>Area | Curriculum | Series           | Course Title   |   |
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| Alea             | Curriculum | Series           | Course Title   |   |
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|                  |            | CompTIA          | A® Advanced Security Pra                             | ctitioner (CASP) (Exam CAS-001): Enterprise Security Technology (Part 2 of 8) |
|                  |            | CompTIA          | A® Advanced Security Pra                             | ctitioner (CASP) (Exam CAS-001): Security Design and Solutions (Part 4 of 8)  |
|                  |            | CompTIA<br>of 8) | A® Advanced Security Pra                             | ctitioner (CASP) (Exam CAS-001): The Enterprise Security Architecture (Part 1 |
|                  |            |                  | A® Advanced Security Pra<br>Procedures (Part 6 of 8) | ctitioner (CASP) (Exam CAS-001):Managing Risk, Security Policies, and         |
|                  |            | CompTIA          | A® Advanced Security Pra                             | ctitioner (CASP) (Exam CAS-001):Security Research and Analysis (Part 8 of 8)  |
|                  |            | CompTIA          | A® Healthcare IT Technici                            | an (Exam HIT-001): Healthcare IT Fundamentals (Part 1 of 6)                   |
|                  |            | CompTIA          | A® Healthcare IT Technici                            | an (Exam HIT-001): Healthcare IT Technical Components (Part 4 of 6)           |
|                  |            | CompTIA          | A® Healthcare IT Technici                            | an (Exam HIT-001): Providing Medical IT Support (Part 5 of 6)                 |
|                  |            | CompTIA          | A® Healthcare IT Technici                            | an (Exam HIT-001): Security (Part 6 of 6)                                     |
|                  |            | CompTIA          | A® Healthcare IT Technici                            | an (Exam HIT-001): The Medical Environment (Part 2 of 6)                      |
|                  |            |                  | A® Healthcare IT Technici                            | an (Exam HIT-001): Using IT in the Medical Workplace (Part 3 of 6)            |
|                  |            |                  | A® Strata™ Fundamentals                              | :: IT Technology  |

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| Area          | Curriculum | Series Course Title   |
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|               |            |   |
|               |            | CompTIA® Strata™ Fundamentals: IT Technology for Sales                                      |
|               |            | CompTIA® Strata™: Green IT  |
|               |            |   |
|               |            |   |
|               | Interne    | tworking  |
|               |            | •   |
|               |            | CIW Internetworking Professional: Advanced TCP/IP Concepts and Practices                    |
|               |            |   |
|               |            | CIW Internetworking Professional: TCP/IP Internetworking                                    |
|               |            | Fundamentals of Telecommunications  Technical Introduction to the Internet (Second Edition) |
|               | Storage    | Technical Introduction to the Internet (Second Edition)                                     |
|               | Otorage    | Foundation Series: Storage  |
|               | UNIX/Li    | •   |
|               |            | Essentials of Red Hat Linux 5   |
|               |            |   |
|               |            | Networking and Security Administration of Red Hat Linux 5                                   |
|               |            | System Administration of Red Hat Linux 5  |
|               | Virtuali   |   |
|               |            | CompTIA® Cloud Essentials™ (Exam CLO-001)   |
| IBM® Lotus® C |            |   |
|               | IBM® L     | otus Notes® IBM® Lotus Notes® 8.5: Databases  |
|               |            | IBM® Lotus Notes® 8.5: Databases IBM® Lotus Notes® 8.5: Mail and Calendars                  |
|               | IRM®I      | otus® Domino®   |
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|               |            | Advanced IBM Lotus Domino 7 Messaging Administration: Labs                                  |
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| Area        | Curriculum   | Series         | Course Title   |
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|             |              |                |  |
|             |              | Exploring      | g New Features in IBM® Lotus® Domino® 8 Administration                               |
| IT Managem  | ent<br>Green |                |  |
|             | Green        |                | T: An Introduction   |
|             |              |                | T: Credentials   |
|             |              |                | T: Data Centers and Virtualization   |
|             |              |                | T: Organization Management   |
|             | IT Soft:     |                | . Organization management  |
|             |              |                | Contract Negotiation for IT Managers   |
|             |              |                | entals of Finance for IT Managers  |
|             |              |                |  |
|             |              | Introduct      | tion to Project Portfolio Management (Second Edition)                                |
|             |              | IT Projec      | cts: Influencing Without Authority (Part 1 of 4): Building Relationships             |
|             |              | IT Projec      | cts: Influencing Without Authority (Part 2 of 4): Creating a Strategy to Get Results |
|             |              | IT Projec      | cts: Influencing Without Authority (Part 3 of 4): Getting What You Need from Others  |
|             |              | IT Projec      | cts: Influencing Without Authority (Part 4 of 4): Following Through on Your Project  |
|             |              |                | ng IT Teams  |
|             | ITIL® -      | Information Te | echnology Infrastructure Library   |
|             |              | ITIL® Se       | ervice Transition (2011 Edition)   |
| IT Security |              |                |  |
|             | Securit      | •              |  |
|             |              |                | rsion 7 (Part 1 of 7): Hacking Basics  |
|             |              |                | rsion 7 (Part 2 of 7): Network Hacking   |
|             |              | CEH ver        | sion 7 (Part 3 of 7): Social Engineering   |

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| Area     | Curriculum | Series    | Course Title                |  |
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|          |            | CEH ver   | sion 7 (Part 4 of 7): Web   | Application Hacking  |
|          |            |           | sion 7 (Part 5 of 7): Wirel | <del></del>  |
|          |            | CEH ver   | sion 7 (Part 6 of 7): Crypt | ography  |
|          |            |           |                             |  |
|          |            |           | sion 7 (Part 7 of 7): Attac |  |
|          |            | Firewall: | A Network Security Meas     | ure  |
|          |            |           |                             |  |
|          |            | GIAC Inf  | formation Security Fundar   | nentals (GISF) Certification (Part 1 of 7): Information Security Awareness       |
|          |            |           | ,                           | ,  |
|          |            |           |                             |  |
|          |            | GIAC Inf  | formation Security Fundar   | nentals (GISF) Certification (Part 2 of 7): Information Security Assurance       |
|          |            |           |                             |  |
|          |            | GIAC Inf  | formation Security Funda    | nentals (GISF) Certification (Part 3 of 7): Application and Network Security     |
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|          |            |           | •                           | nentals (GISF) Certification (Part 4 of 7): Server and Network Communication     |
|          |            | Security  |                             |  |
|          |            |           |                             |  |
|          |            | GIAC Inf  | formation Security Fundar   | nentals (GISF) Certification (Part 5 of 7): Firewall and Intrusion Detection     |
|          |            |           |                             |  |
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|          |            | GIAC Inf  | formation Security Fundai   | nentals (GISF) Certification (Part 6 of 7): OPSEC and Physical Security          |
|          |            | GIAC Inf  | formation Security Funda    | nentals (GISF) Certification (Part 7 of 7): Organizational Policies and Disaster |
|          |            | Manage    |                             | mentals (SISI) Certification (Fait For F). Organizational Folicies and Disaster  |
|          |            |           | Awareness (Fourth Edition   | n)   |
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| Area        | Curriculum       | Series Course Title  |
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| Aica        | Carriculani      | Series Course ricie  |
|             |                  |  |
| Programming | g & Web Developm | uent   |
|             | ·                | arehousing   |
|             |                  | Fundamentals of Data Warehousing   |
|             | Develor          | pment Environments   |
|             |                  |  |
|             |                  | Analyzing Object Oriented Programming Practices and Programming Strategies                           |
|             |                  | Examining Best Coding Practices  |
|             |                  | Examining Techniques for Improving Code Quality  |
|             | Prograr          | mming Concepts   |
|             |                  | Defining the Principles Of Object-Oriented Programming   |
|             |                  | Developing Object-Oriented Applications for the Real World   |
|             |                  | Examining Object-Oriented Software Design Techniques   |
|             |                  | Introduction to Ruby on Rails  |
|             | Prograr          | mming Languages  |
|             | •                | Introduction to Hibernate  |
|             |                  | Introduction to Programming for Mobile Applications - Developing an Application for Android          |
|             |                  | Introduction to Programming for Mobile Applications - Developing an Application for iPhones          |
|             |                  | Introduction to Programming for Mobile Applications - Introducing Mobile Technology and Applications |
|             | Scriptin         | ng Languages   |
|             | -                | PHP: An Introduction   |
|             |                  | PHP: An Introduction (Linux)   |

| Solution Area Curriculum Series Course Title   |
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| Software Life Cycle  |
| Certified Software Quality Analyst (CSQA)  |
| Certified Software Quality Engineer (CSQE)   |
| Certified Software Tester (CSTE)   |
| Certified Tester, Advanced Level (CTAL): Technical Test Analyst  |
| Certified Tester, Advanced Level (CTAL): Test Analyst (Part 1 of 2): Software Testing Fundamental            |
| Certified Tester, Advanced Level (CTAL): Test Analyst (Part 2 of 2): Test Management and Test Automation     |
| CTAL: Test Manager (Part 1 of 2): Software Testing and Test Management                                       |
| CTAL: Test Manager (Part 2 of 2): Test Automation and People Skills  |
| Introduction to Software Engineering Processes   |
| Introduction to Software Life Cycle Models   |
| Web Application Development  |
| Adobe® ColdFusion® 9: Level 1: (Part 1 of 3): Building Dynamic Website                                       |
| Adobe® ColdFusion® 9: Level 1: (Part 2 of 3): Building Forms   |
|  |
| Adobe® ColdFusion® 9: Level 1: (Part 3 of 3): Integrating ColdFusion with External Applications and Services |
| Adobe® Flex™ 3: An Introduction  |
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| Web Site Design and Development  |

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| Area     | Curriculum Se | eries Course Title   |
|          |               |  |
|          |               |  |
|          |               | Microsoft® Windows® SharePoint® Designer 2010: Level 1                               |
|          |               | Microsoft® Windows® SharePoint® Designer 2010: Level 2                               |
| Concepts |               |  |
|          | CompTIA Pi    | roject+ (2009 Objectives)  |
|          |               | CompTIA® Project+™ Certification (2009 Objectives): Part 1 of 6                      |
|          |               | CompTIA® Project+™ Certification (2009 Objectives): Part 2 of 6                      |
|          |               | CompTIA® Project+™ Certification (2009 Objectives): Part 3 of 6                      |
|          |               | CompTIA® Project+™ Certification (2009 Objectives): Part 4 of 6                      |
|          |               | CompTIA® Project+™ Certification (2009 Objectives): Part 5 of 6                      |
|          |               | CompTIA® Project+™ Certification (2009 Objectives): Part 6 of 6                      |
|          | IT Team Ma    | nagement   |
|          |               | Program Management Professional (PgMP) <sup>sм</sup> Credential: Second Edition      |
|          | PRINCE2®      |  |
|          |               | PRINCE2® Practitioner  |
|          | Project Man   | •  |
|          |               | Introduction to Agile Project Management   |
|          |               | PMI-RMP® Certification (Part 1 of 11): Understanding Project Management Fundamentals |
|          |               | PMI-RMP® Certification (Part 10 of 11): Monitoring and Controlling Project Risks     |

| Solution<br>Area | Curriculum | Series Course Title   |
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| 7.1.00           |            | - Course Held   |
|                  |            |   |
|                  |            | PMI-RMP® Certification (Part 11 of 11): Examining Enterprise-Wide Risk Management   |
|                  |            | PMI-RMP® Certification (Part 2 of 11): Identifying Project Management Processes     |
|                  |            | PMI-RMP® Certification (Part 3 of 11): Initiating a Project                         |
|                  |            | PMI-RMP® Certification (Part 4 of 11): An Overview of Project Risk Management       |
|                  |            | PMI-RMP® Certification (Part 5 of 11): Planning Risk Management                     |
|                  |            | PMI-RMP® Certification (Part 6 of 11): Identifying Risks                            |
|                  |            | PMI-RMP® Certification (Part 7 of 11): Performing Qualitative Risk Analysis         |
|                  |            | PMI-RMP® Certification (Part 8 of 11): Performing Quantitative Risk Analysis        |
|                  |            | PMI-RMP® Certification (Part 9 of 11): Developing a Risk Response Plan              |
|                  |            | PMI-SP® Certification (Part 1 of 11): Understanding Project Management Fundamentals |
|                  |            | PMI-SP® Certification (Part 10 of 11): Monitoring and Controlling Schedules         |
|                  |            | PMI-SP® Certification (Part 11 of 11): Managing Risks and Behavior in Scheduling    |
|                  |            | PMI-SP® Certification (Part 2 of 11): Identifying Project Management Processes      |
|                  |            | PMI-SP® Certification (Part 3 of 11): Describing Project Initiation                 |
|                  |            | PMI-SP® Certification (Part 4 of 11): Preparing to Build a Schedule                 |

| Solution | Curriculum | Sorios  | Course Title                    |                        |         |  |
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| Area     | Curriculum | Series  | Course Title                    |                        | =       |  |
|          |            |         |                                 |                        |         |  |
|          |            |         |                                 |                        |         |  |
|          |            | PMI-SP@ | © Certification (Part 5 of 11): | Defining Activities    |         |  |
|          |            | PMI-SP@ | © Certification (Part 6 of 11): | Sequencing Activities  |         |  |
|          |            | PMI-SP@ | © Certification (Part 7 of 11): | Estimating Activity Re | sources |  |
|          |            | PMI-SP@ | © Certification (Part 8 of 11): | Estimating Activity Du | ration  |  |
|          |            | PMI-SP@ | © Certification (Part 9 of 11): | Developing a Schedu    | le      |  |
|          |            |         |                                 |                        |         |  |