

Skillsoft Course Catalog

Information Technology Collection

We improve the performance of organizations by
improving the performance of their people.

IT SKILLS COURSEWARE

SOFTWARE DEVELOPMENT

MICROSOFT WEB APPLICATIONS

■ Microsoft Visual Studio 2012: Programming in HTML5 with JavaScript and CSS3

Microsoft Visual Studio 2012: Introduction to HTML5 and CSS3	Course
Microsoft Visual Studio 2012: HTML5 and JavaScript	Course
Microsoft Visual Studio 2012: Advanced HTML5 and JavaScript	Course
Microsoft Visual Studio 2012: HTML5 APIs and Local Storage	Course
Microsoft Visual Studio 2012: HTML5, CSS3, and Adaptive UIs	Course
Microsoft Visual Studio 2012: HTML5 Graphics and Animation	Course
Microsoft Visual Studio 2012: Consuming and Transmitting Data with HTML5	Course
Microsoft Visual Studio 2012: Utilizing the HTML5 WebSocket API and Web Workers	Course

■ Microsoft Azure and Web Services

Working With Local Data Access Technologies	Course
Querying and Manipulating Data with the Entity Framework	Course
Creating and Consuming WCF Web Services	Course
WCF Instancing and Concurrency and WCF Data Services	Course
Creating and Consuming Web API Services	Course
Data Access and Services with Microsoft Azure	Course
Preparing and Packaging Applications For Deployment	Course
Web Application and Services Deployment	Course

■ Web API Essentials

Web API Essentials	Course
Web API Advanced	Course

■ Microsoft Azure

Microsoft Azure: Introduction	Course
Microsoft Azure: Networks and Storage	Course
Microsoft Azure: Publishing and Caching	Course

■ Microsoft Azure: Implementing Infrastructure Solutions

Microsoft Azure - Implementing Infrastructure Solutions: Virtual Networks	Course
Microsoft Azure - Implementing Infrastructure Solutions: Virtual Machines	Course
Microsoft Azure - Implementing Infrastructure Solutions: Implementing Websites	Course
Microsoft Azure - Implementing Infrastructure Solutions: Storage and PaaS Cloud	Course
Microsoft Azure - Implementing Infrastructure Solutions: Data Services	Course
Microsoft Azure - Implementing Infrastructure Solutions: CDNs and Automation	Course
Microsoft Azure - Implementing Infrastructure Solutions: Active Directory	Course

■ Microsoft Azure and Web Services

Introduction to Web Services	Course
Introduction to the Entity Framework	Course
IIS and Web Services	Course
WCF Services	Course
WCF Transactions, Pipelines, and Extensibility	Course

IT SKILLS COURSEWARE

Security and WCF Streams
..... Course

■ Programming in HTML5 with JavaScript and CSS3

Introduction to HTML5 and CSS
..... Course

Styling HTML5 and JavaScript
..... Course

Advanced HTML5 and JavaScript
..... Course

HTML5 APIs and Local Data Storage
..... Course

More Advanced HTML5 and CSS3
..... Course

Adaptive AI, Graphics, and Animation
..... Course

Data Flow, Consuming, and Transmitting Data
..... Course

Communicating with WebSockets and Utilizing Asynchronous Processing
..... Course

Advanced Input Validation
..... Course

Advanced CSS
..... Course

SOFTWARE DEVELOPMENT

WEB DEVELOPMENT TECHNOLOGIES

■ Introduction to Ajax Development

Ajax Basics
..... Course

Ajax API Essentials
..... Course

Ajax Applications and Server Communication
..... Course

■ Ajax

Ajax: Requesting Data and Retrieving Responses
..... Course

■ CQRS Theory

Introduction to CQRS
..... Course

SOFTWARE DEVELOPMENT

IBM WEBSHERE

■ IBM WebSphere Commerce v8 Programming Essentials

WebSphere Commerce Basics
..... Course

Installing and Configuring WebSphere Commerce
..... Course

WebSphere Commerce Application Development and Customization
..... Course

WebSphere Commerce Advanced Topics
..... Course

WebSphere Commerce Security, Performance, and Troubleshooting
..... Course

SOFTWARE DEVELOPMENT

JAVA 2 PROGRAMMING

■ Java SE7 Fundamentals

Java SE7 Fundamentals: Introduction to Java
..... Course

Java SE7 Fundamentals: Variables, Operators, and Objects
..... Course

Java SE7 Fundamentals: Decision Constructs, Arrays, and Loops
..... Course

Java SE7 Fundamentals: Overloading, Validation, and Object-Oriented Concepts
..... Course

Java SE7 Fundamentals: Handling Errors and Deploying Applications
..... Course

■ Java SE 7 New Features

Java SE7 New Features: Java Language and Technology Enhancements
..... Course

Java SE7 New Features: I/O, Network, and Desktop Enhancements
..... Course

■ Java SE7 Professional

Java SE7 Professional: Syntax and Class Design
..... Course

Java SE7 Professional: Generics, Errors, and I/O
..... Course

IT SKILLS COURSEWARE

Java SE7 Professional: File I/O, Concurrency, JDBC, and Localization
..... Course

■ Introduction to Java EE 6

Introduction to Java EE 6
..... Course

■ Developing Applications Using Java Spring

Java Spring: Spring Application Basics
..... Course

Java Spring: Annotation Configuration and Java Configuration in Spring
..... Course

Java Spring: Creating Web Applications Using Spring MVC
..... Course

Java Spring: Working with Data in Spring
..... Course

Java Spring: Aspect-Oriented Programming Using Spring AOP
..... Course

Java Spring: Adding Security Using the Spring Security Project
..... Course

■ Java Hibernate

Getting Started with Java Hibernate
..... Course

Customized Mapping and Basic Querying in Java Hibernate
..... Course

Advanced Querying in Java Hibernate
..... Course

■ Java SE 8 Fundamentals

Java SE 8 Fundamentals: Introduction to Java
..... Course

Java SE 8 Fundamentals: Classes and Objects
..... Course

Java SE 8 Fundamentals: Methods, Encapsulation, and Conditionals
..... Course

Java SE 8 Fundamentals: Data Manipulation and Inheritance
..... Course

Java SE 8 Fundamentals: Interfaces, Exceptions, and Deployment
..... Course

■ Java SE 8 Programming

Java SE 8 Programming: Encapsulation, Polymorphism, and Abstraction
..... Course

Java SE 8 Programming: Interfaces, Lambda Expressions, Collections, and Generics
..... Course

Java SE 8 Programming: Inheritance, Interfaces, Exceptions, and Deployment
..... Course

Java SE 8 Programming: Date/Time API, I/O and File I/O (NIO.2), and Concurrency
..... Course

Java SE 8 Programming: Concurrency, Parallelism, the JDBC API, and Localization
..... Course

■ Defensive Programming in Java

Defensive Programming in Java: Fundamentals
..... Course

Defensive Programming in Java: Data Handling, Injection Attacks, and Concurrency
..... Course

Defensive Programming in Java: Data Security and Access Control
..... Course

■ Working with Java SE 7

Programming Apps with Java SE 7
..... Course

■ Working with Java SE 6

Programming Apps with Java SE 6
..... Course

■ Using Akka

Akka Essentials
..... Course

Advanced Features of Akka
..... Course

■ Java Multi-Tenant Cloud Programming Fundamentals

Java Multi-Tenant Cloud Application Programming Fundamentals
..... Course

IT SKILLS COURSEWARE

■ Java Hibernate with Oracle 12c

- Getting Started with Hibernate Course
- Deep Diving with Hibernate and Queries Course

SOFTWARE DEVELOPMENT

JAVA EE7

■ Java EE 7 Back-end Server Application Development

- Java EE 7 Back-end Server Application Development: Getting Started Course
- Java EE 7 Back-end Server Application Development: JAXB and JAX-WS Web Services Course
- Java EE 7 Back-end Server Application Development: Web Services Course
- Java EE 7 Back-end Server Application Development: Communication and Security Course
- Java EE 7 Back-end Server Application Development: Business Logic Course
- Java EE 7 Back-end Server Application Development: Transaction Support Course
- Java EE 7 Back-end Server Application Development: Presentation with JSF Course

■ Java EE 7 Front End Web Application Development

- Java EE 7 Front End Web Application Development: Getting Started Course
- Java EE 7 Front End Web Application Development: Web Components Course
- Java EE 7 Front End Web Application Development: Web Services Course
- Java EE 7 Front End Web Application Development: Communication and Security Course
- Java EE 7 Front End Web Application Development: Business Logic and Persistence Course

- Java EE 7 Front End Web Application Development: Transaction Support Course
- Java EE 7 Front End Web Application Development: Presentation with JSF Course

SOFTWARE DEVELOPMENT

MICROSOFT .NET SOFTWARE DEVELOPMENT TOOLS

■ Microsoft .NET: An Overview

- .NET Overview: Windows, Web, and the Cloud Course

■ Microsoft .NET Framework: WPF with XAML and C#

- WPF Fundamentals with XAML and C# Course

■ Architecture N-Tier/REST

- Architecture N-Tier/REST: Designing and Building Applications Course

■ Visual Studio Application Lifecycle Management

- Defining Effective End-to-end SDLC Practices Course
- Define the ALM Process Course
- Define End Value for Software Iterations Course
- Develop Customer Quality with High Value Course
- Integrate Development and Operations (DevOps) Course

■ F# Fundamentals

- Getting Started with F# Course
- Data, Workflows, and Charting in F# Course

■ Secure Programming for .NET

- Securing .NET Programming Course

IT SKILLS COURSEWARE

■ Visual Studio Code Cross-platform Code Editor

Visual Studio Code Cross-platform Code Editor: Basics
..... Course

■ Visual Studio for New Users

Introducing Visual Studio
..... Course
Visual Studio Frameworks and Tools
..... Course

■ Software Development Fundamentals

Programming Fundamentals
..... Course
Programming Techniques
..... Course
Developing Windows and Web Applications
..... Course
Object-oriented Programming Fundamentals
..... Course
Windows Store Applications and Databases
..... Course

■ Introduction to ASP.NET Core 1.0 and MVC

Introduction to ASP.NET Core 1.0
..... Course
Developing ASP.NET Core 1.0 and MVC Applications
..... Course

■ Visual Studio 2017 First Look

Visual Studio 2017 Installation and New Features
..... Course
Tools and C++ Updates
..... Course
.NET Core, C#, and Visual Studio Extensions
..... Course

■ Visual Studio Mobile Center First Look

Visual Studio Mobile Center Introduction and New Features
..... Course
Mobile Center SDK for Android and iOS
..... Course
Mobile Center for Xamarin and React Native
..... Course
Mobile Center Tools
..... Course

Mobile Center Identity and Troubleshooting
..... Course

SOFTWARE DEVELOPMENT GENERIC LANGUAGES

■ Ruby On Rails

Ruby on Rails - Fundamentals
..... Course
Ruby on Rails - Database Fundamentals
..... Course
Ruby on Rails for .NET Developers
..... Course
Working with Databases in Ruby on Rails
..... Course
Databases in Ruby on Rails: Advanced Concepts
..... Course
Web APIs with Ruby on Rails
..... Course

■ Ruby Programming

Getting Started with Ruby
..... Course
Working with Ruby
..... Course
Advanced Ruby Features
..... Course

■ Working with Clojure

Clojure Fundamentals
..... Course
Data and State Management in Clojure
..... Course
Optimizing Clojure Projects
..... Course
Clojure Data-Driven and Web Application Fundamentals
..... Course

■ Introduction to R Programming

Introduction to R Programming
..... Course

■ Programming with ANSI C

ANSI C Language Fundamentals
..... Course
Iterations, Functions and Pointers in ANSI C
..... Course

IT SKILLS COURSEWARE

Data Structures and File Management in ANSI C	Course
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Optimizing and Debugging ANSI C Programs	Course
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■ Introduction to Swift Programming

Swift Language Basics	Course
.....	
Using Swift Advanced Language Features	Course
.....	

■ Python Fundamentals

Python: The Basics	Course
.....	
Python: Classes and Modules	Course
.....	
Python: Iteration and Exceptions	Course
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Python: Web Application Development	Course
.....	
Python: web2py and Test-driven Development	Course
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Python: Data Science Fundamentals	Course
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■ Introduction to Scala

Scala Introduction	Course
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Scala Functional Programming and Collections	Course
.....	
Scala Pattern Matching, Interoperability, and Concurrency	Course
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Scala Tooling	Course
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Scala Expressions and Parallel Computation	Course
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■ Asynchronous Programming with Clojure

Asynchronous Programming with Clojure's core.async Library	Course
.....	

■ Introduction to Scalding

The Basics of Scalding Programming	Course
.....	

■ Ruby on Rails 4.2

Introduction to Rails	Course
.....	
Introduction to Models	Course
.....	
Introduction to Views	Course
.....	
Advanced Rails	Course
.....	
Examining Rails APIs	Course
.....	

■ Getting Started with MATLAB

MATLAB Fundamentals	Course
.....	

■ Python for Data Science

Python for Data Science – Introduction to Python for Data Science	Course
.....	
Python for Data Science – Complex Data Engineering in Python	Course
.....	

■ C++ Institute Certified Professional Programmer

C++ Templates and Containers	Course
.....	
C++ STL Algorithms and Operations	Course
.....	
C++ Sort, Merge, IO Operations and Functors	Course
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■ C++ Certified Associate Programmer (CPA)

C++ Fundamentals	Course
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C++ Functions, Exceptions, and Strings	Course
.....	
C++ Classes and Object-oriented Programming	Course
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■ Perl Programming Essentials

Perl Language Essentials	Course
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Perl Programming Techniques	Course
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IT SKILLS COURSEWARE

■ C++ Programming

Fundamentals of C++ Programming Course
Data Types, Modifiers, Operators, and Flow Control	..... Course
Functions, References, Exceptions Strings & Namespaces	..... Course
C++ Classes	..... Course
Classes, Functions, and Object-oriented Programming	..... Course
C++ Templates and Containers	..... Course
C++ Standard Template Library Algorithms and Operations	..... Course

SOFTWARE DEVELOPMENT

C/C++ PROGRAMMING

■ C++11 Programming Essentials

C++11: Programming Fundamentals	..... Course
C++11: Programming Techniques	..... Course
C++11: Programming with Boost	..... Course
C++11: Advanced Techniques and C++14 Preview	..... Course

■ Programming in C++

Programming in C++: Working with Classes	..... Course
Programming in C++: Arrays, Pointers, and STL	..... Course
Programming in C++: STL I/O and Headers, Templates, and Namespaces	..... Course
Programming in C++: Structure and Data Types	..... Course
Programming in C++: Program Structure and Exceptions	..... Course
Programming in C++: Tools and Techniques	..... Course

SOFTWARE DEVELOPMENT

PROGRAMMING BEST PRACTICES

■ Software Programming Fundamentals

Software Programming Fundamentals: Design and Development Best Practices	..... Course
Software Programming Fundamentals: Source Coding Best Practices	..... Course
Software Programming Fundamentals: Software Security Best Practices	..... Course
Software Programming Fundamentals: Best Practices for Maintaining Code Course

■ Hello, World!

Getting Started with Hello, World! Course
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SOFTWARE DEVELOPMENT

SOFTWARE DESIGN

■ Object-oriented Design

Beginning Object-Oriented Design Course
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■ Service Oriented Architecture

SOA Fundamentals Course
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■ SOLID Principles of Object-oriented Design

Introduction to SOLID Course
SOLID Fundamentals	..... Course

■ JIRA Fundamentals

Leveraging the JIRA Platform for Development Projects Course
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■ Domain-driven Design

Introduction to Domain-driven Design Course
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IT SKILLS COURSEWARE

Components of Domain-driven Design	Course
Expanding Design Patterns	Course

■ TOGAF 9.1 Advanced

TOGAF Advanced - Enterprise Architecture	Course
TOGAF Advanced - Guidelines and Techniques	Course
TOGAF Advanced - Content Framework And Continuum	Course
TOGAF Advanced - Reference Models and Capability Framework	Course

SOFTWARE DEVELOPMENT

SOFTWARE DEVELOPMENT PRINCIPLES

■ Agile Software Development

Introducing Agile Software Development	Course
Planning an Agile Software Development Project	Course
Managing Agile Software Development	Course
Agile Programming and Testing	Course

■ Advanced Scrum

Advanced Scrum: Developing the Product and Sprint Backlogs	Course
Advanced Scrum: Integrating and Customizing Scrum	Course
Advanced Scrum: Addressing Sprint Execution Challenges	Course

■ Software Practices (SCRUM)

Software Practices (SCRUM): SCRUM Roles	Course
Software Practices (SCRUM): SCRUM Meetings	Course

■ User Experience (UX) Design Foundations

UX Design Foundations: Design Principles and Strategies	Course
UX Design Foundations: Techniques and Tools	Course
UX Design Foundations: Navigation, Layout, and Content	Course

■ Software Practices: Waterfall

The Waterfall Software Development Model	Course
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■ Agile Software Testing

Agile Software Testing: Methodologies and Testing Approaches	Course
Agile Software Testing: Techniques and Tools	Course

■ Kanban Fundamentals

Kanban Fundamentals: Using Kanban in IT and Software Development	Course
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■ Exploring Artificial Intelligence

Introduction to Artificial Intelligence	Course
Search Problems	Course
Constraint Satisfaction Problems	Course
Adversarial Problems	Course
Uncertainty	Course
Machine Learning	Course
Reinforcement Learning	Course
Introducing Natural Language Processing	Course

■ Exploring Microservices

Microservices Architecture	Course
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IT SKILLS COURSEWARE

Microservices Containers	Course
Microservices Deployment and Continuous Integration	Course
Microservices Testing Strategies, Scaling, Monitoring, and Security	Course

■ Exploring Machine Learning

Introduction to Machine Learning and Supervised Learning	Course
Supervised Learning Models	Course
Unsupervised Learning	Course
Neural Networks	Course
Convolutional and Recurrent Neural Networks	Course
Applying Machine Learning	Course

■ Exploring the Future of UI/UX

Introduction To UI/UX	Course
Designing with Flexibility and Efficiency in Mind	Course
Exploring Chatbots	Course
Voice User Interfaces	Course
UI/UX for Chatbot and Voice Interface AIs	Course
Wearable Technology and UI/UX	Course
Internet of Things and UI/UX	Course

■ Exploring Virtual Reality

Introduction to Virtual Reality	Course
Manipulating the VR Environment	Course
Creating a Virtual Reality App with Unity	Course
User Interfaces in Virtual Reality	Course
Optimizing for Unity VR	Course

Android Cardboard and Unity VR	Course
Using GoogleVR and Unreal	Course

■ Agile Software Development

Introduction to Agile Software Development	Course
Agile Software Development Methodologies	Course
Agile Software Development - Scrum	Course
Planning an Agile Software Development Project	Course
Managing Agile Software Development	Course
Agile Programming & Testing	Course
Agile Software Development - Test-driven Development	Course
Agile Architecture, Design, & Collaboration	Course

SOFTWARE DEVELOPMENT

SOFTWARE TESTING

■ Microsoft Visual Studio Team Foundation Server 2013 Administration

Microsoft Team Foundation Server 2013: Installation and Configuration	Course
Microsoft Team Foundation Server 2013: Managing an Implementation	Course
Microsoft Team Foundation Server 2013: Customization for Team Use	Course
Microsoft Team Foundation Server 2013: Clients, Workspaces, and Version Control	Course

■ Selenium Automated Web Testing

Selenium Automated Web Testing Fundamentals	Course
Advanced Features of Selenium Automated Web Testing	Course
Selenium and Java	Course

IT SKILLS COURSEWARE

Selenium and C# Course

Selenium and Python Course

■ Testing with JUnit

JUnit Fundamentals Course

Working with JUnit Tests Course

■ Software Testing with Visual Studio

Software Testing with Visual Studio: Create and Configure Test Plans Course

Software Testing with Visual Studio: Manage Test Cases Course

Software Testing with Visual Studio: Manage Test Execution Part 1 Course

Software Testing with Visual Studio: Manage Test Execution Part 2 Course

■ Debugging Fundamentals

Introduction to Debugging Course

Visual Studio 2013 Debugging Course

Debugging Tools Course

Software Debugging in Windows Course

■ Software Testing Fundamentals

Creating Software Tests Course

Managing, Troubleshooting, and Automating Software Tests Course

■ Using Cucumber

Cucumber Fundamentals Course

■ Software Testing Foundations

Software Testing Foundations: Testing throughout the Software Life Cycle Course

Software Testing Foundations: Static, Dynamic, Black-box, and White-box Testing Course

Software Testing Foundations: Test Planning, Management, and Tool Support Course

■ Testing Android Apps with Genymotion

Genymotion: Testing Android Apps Course

■ Testing Social Media Applications

Ensuring Social Media and Application Quality Course

■ Using Jasmine in Testing

Deploying and Using Jasmine Course

■ Exploring Automation

Software Quality Assurance Course

Automated Software Testing Course

■ Automation Using Appium

Introduction to Appium Testing Course

■ Software Testing with Cucumber

Beginning Cucumber and Behavior-driven Development Course

Cucumber Steps and Scenario Development Course

Deep Dive Cucumber Course

■ Automated Testing with Selenium

Introduction to Automated Testing with Selenium Course

Selenium IDE: Scripts & Commands Course

■ WebLOAD Performance Testing

Working with WebLOAD Course

SOFTWARE DEVELOPMENT

MICROSOFT WINDOWS STORE APPS

■ **Advanced Windows Store App Development Using C# and XAML**

- Advanced Windows Store Apps with C# in Visual Studio 2013: Data Management Course
- Advanced Windows Store Apps with C# in Visual Studio 2013: The UI, Printing, WNS Course
- Advanced Windows Store Apps with C# in Visual Studio 2013: Media and Devices Course
- Advanced Windows Store Apps with C# in Visual Studio 2013: Security & Optimizing Course
- Advanced Windows Store Apps with C# in Visual Studio 2013: Testing & Deployment Course

■ **ASP.NET MVC Web Application Development**

- Getting Started with ASP.NET MVC Web Applications in Visual Studio 2013 Course
- Designing the User Experience in ASP.NET MVC Web Applications Course
- Working with ASP.NET MVC Models Course
- ASP.NET MVC Databases and the Entity Framework Course
- Developing the User Experience in ASP.NET MVC Course
- Designing ASP.NET MVC Application Architecture Course
- Implementing ASP.NET Authentication and Authorization Course
- Debugging ASP.NET MVC Web Applications Course
- Configuring and Deploying an ASP.NET MVC Application Course
- Optimizing and Protecting Application Data Course

■ **Working with ASP.NET MVC 5**

- Creating and Securing MVC 5 Applications Course
- Using MVC 5 with EF6, Web API 2, SignalR, and Azure Course

■ **Developing ASP.NET MVC Web Applications**

- Introduction to ASP.NET MVC Web Applications Course
- MVC Controllers and Actions Course
- MVC Application Routes Course
- Working with ASP.NET MVC Models and Unit Testing Course
- ASP.NET MVC Databases and Entity Framework Course
- Working with ASP.NET Web API Routes and Controllers Course
- Working with JSON and XML Data Formats Course
- Composing the UI Layout of an Application Course
- Design and Implement UI Behavior Course
- Adaptive UI Layout and Caching Strategy Course
- Designing ASP.NET MVC Application Architecture Course
- Asynchronous Tasks in ASP.NET MVC Web Application Course
- Design a Distributed ASP.NET MVC Application Course
- Implementing ASP.NET Authentication Course
- Implement ASP.NET Claims-Based Authentication Course
- Implement ASP.NET Authorization and Exception Handling Strategy Course
- Troubleshooting Runtime Issues and HTTP Modules & Handlers Course
- Debugging ASP.NET MVC Web Applications Course
- Configuring and Deploying ASP.NET Web Applications Course
- Implement Globalization, Azure Role Lifecycle and Search Engine Optimization Course

IT SKILLS COURSEWARE

Optimizing Application Data	Course
Implementing Secure Sites with ASP.NET	Course

SOFTWARE DEVELOPMENT MICROSOFT C#

■ Programming in C#

Programming in C#: Managing Program Flow	Course
Programming in C#: Creating and Using Types	Course
Programming in C#: Debugging and Security Implementation	Course
Programming in C#: Implementing Data Access	Course

SOFTWARE DEVELOPMENT ECLIPSE

■ Fundamentals of Eclipse

Introduction to Eclipse	Course
Using Eclipse	Course
Using Eclipse with Subversive	Course

SOFTWARE DEVELOPMENT MICROSOFT LINQ

■ Microsoft LINQ

Getting Started with LINQ	Course
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SOFTWARE DEVELOPMENT MICROSOFT ENTERPRISE LIBRARY

■ Microsoft Enterprise Library

Microsoft Enterprise Library	Course
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SOFTWARE DEVELOPMENT

MICROSOFT ORM

■ NHibernate

NHibernate Essentials	Course
NHibernate Advanced Techniques	Course

■ Microsoft Entity Framework

Getting Started With Entity Framework	Course
Advanced Entity Framework	Course

SOFTWARE DEVELOPMENT ALGORITHMS

■ Introduction to Algorithms and Data Structures

Introduction to Algorithms and Data Structures	Course
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SOFTWARE DEVELOPMENT MOBILE APPLICATION DEVELOPMENT

■ Programming Cross-Platform Applications in Visual Studio with Xamarin

Xamarin Android and iOS Projects in Cross-Platform Solutions in Visual Studio	Course
Cross-Platform Shared Code and Xamarin.Forms in Visual Studio	Course

■ New Features in Android 5.x Lollipop For Developers

Android Lollipop New Features For Developers	Course
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■ Developing Apple Watch Applications

Developing Basic Apple Watch Applications	Course
Developing Advanced Apple Watch Applications	Course

IT SKILLS COURSEWARE

■ Titanium

- Creating Mobile Apps with Appcelerator Titanium Course
- Exploring the Advanced Features of Appcelerator Titanium Course

■ Apache Cordova

- Apache Cordova: Exploring the Basic Features Course
- Apache Cordova: Exploring the Advanced Features Course

■ Ionic Framework

- Exploring the Basic Features of the Ionic Framework Course
- Exploring the Advanced Features of the Ionic Framework Course

■ PhoneGap

- PhoneGap: Exploring Basic Features Course
- PhoneGap: Exploring Advanced Features Course

■ Android App Development Essentials

- The Development of Android Applications Course
- The Main Components of Android Course
- User Interfaces, Controls, and Fragments Course
- Designing, Creating, and Manipulating Android Databases Course
- New Features of Android 7 Course

■ Android For .NET Developers

- Android For .NET Developers: Introduction to Xamarin For .NET Course
- Android For .NET Developers: Android OS Course
- Android For .NET Developers: Android User Interface Elements Course

- Android For .NET Developers: Different Approaches to Development Course
- Android For .NET Developers: Java, Garbage Collection, Debugging, and Runtime Course
- Android For .NET Developers: Advanced Design, Build, Android Wear, and Emulator Course

■ iOS Application Development Fundamentals

- iOS Application Development: Creating a Basic iOS App Course
- iOS Application Development: Layout and Controls Course
- iOS Application Development: Creating Adaptive Apps Course
- iOS Application Development: Application Lifecycle Management Course
- iOS Application Development: Data, Graphics and Media Course
- iOS Application Development: Optimizing Apps Course
- iOS Application Development: iOS 10 Features Course

■ Application Development with React and Flux

- React and Flux: An Overview Course
- React and Flux: Creating Simple React Components Course
- React and Flux: React Router and Forms Course
- React and Flux: Working with Flux Course

■ Building Secure Mobile Apps

- Tips and Tricks for Developing Secure Mobile Apps Course

■ Java and .NET Programming for IoT

- Programming in the IoT Arena Course

SOFTWARE DEVELOPMENT

IT SKILLS COURSEWARE

WINDOWS EMBEDDED

■ Windows Embedded 8.1 Industry

Windows Embedded 8.1 Industry
..... Course

SOFTWARE DEVELOPMENT CONFIGURATION MANAGEMENT

■ Git Fundamentals

Beginner Git
..... Course
Advanced Git
..... Course

■ Apache Subversion Fundamentals

Apache Subversion Fundamentals: Getting to Know
Subversion
..... Course

SOFTWARE DEVELOPMENT DEFENSIVE PROGRAMMING

■ Defensive Programming in C/C++

Defensive Coding Fundamentals for C/C++
..... Course
Defensive Coding for C/C++
..... Course

■ Defensive Programming in C#

Defensive Coding Fundamentals for C#
..... Course
Defensive Coding for C#
..... Course

■ Defensive Programming in JavaScript and HTML5

Defensive Coding Fundamentals for JavaScript and
HTML5
..... Course
Defensive Coding for JavaScript and HTML5
..... Course

■ Defensive Programming in iOS

Thinking Defensively about Functions, Methods, and
Input
..... Course
Managing Network Interaction
..... Course
Errors, Exceptions, and Testing
..... Course
Protecting Data in iOS Apps
..... Course

■ Defensive Programming in Android

Defensive Programming in Android: Input and Methods
..... Course
Defensive Programming in Android: Using Standards
..... Course
Defensive Programming in Android: Errors, Exceptions,
and Testing
..... Course
Defensive Programming in Android: Network Access
and Java Defensive Techniques
..... Course

SOFTWARE DEVELOPMENT APACHE

■ Maven Fundamentals

Getting Started with Maven
..... Course
Maven Fundamentals: Documentation, Resources,
Plugins, Releases, IDE
Integration
..... Course

SOFTWARE DEVELOPMENT GO

■ Go Programming Fundamentals

Programming in Go
..... Course

SOFTWARE DEVELOPMENT SOFTWARE REQUIREMENTS

IT SKILLS COURSEWARE

■ Introduction to iRise

iRise Editor Basics	..... Course
Online Prototyping with iRise	..... Course
Advanced Prototyping in iRise	..... Course
Reusable Components and iRise Administration	..... Course

SOFTWARE DEVELOPMENT

MENTORING ASSETS

■ Mentoring Assets

Mentoring 1Z0-804 Java SE 7 Programmer II	..... Mentoring Assets
Mentoring 70-480 Programming in HTML5 with JavaScript and CSS3	..... Mentoring Assets
Mentoring BH0-010 Certified Tester Foundation Level	..... Mentoring Assets
Mentoring 70-483 Programming in C#	..... Mentoring Assets
Mentoring 98-361 Software Development Fundamentals	..... Mentoring Assets
Mentoring 70-486 Developing ASP.NET MVC Web Applications	..... Mentoring Assets
Mentoring 70-487 Developing Microsoft Azure and Web Services	..... Mentoring Assets
Mentoring 1Z0-808 Java SE Programmer 8	..... Mentoring Assets
Mentoring 1Z0-809 Java SE 8 Programmer II	..... Mentoring Assets
Mentoring 1Z0-803 Java SE 7 Programmer I	..... Mentoring Assets

SOFTWARE DEVELOPMENT

TEST PREPS

■ Test Preps

TestPrep 1Z0-803 Java SE 7 Programmer I	..... Testprep Exams
TestPrep 1Z0-804 Java SE 7 Programmer II	..... Testprep Exams

TestPrep 70-480 Programming in HTML5 with JavaScript and CSS3	..... Testprep Exams
TestPrep BH0-010 Certified Tester Foundation Level	..... Testprep Exams
TestPrep 70-483 Programming in C#	..... Testprep Exams
TestPrep 70-486 Developing ASP.NET MVC Web Applications	..... Testprep Exams
TestPrep 70-487 Developing Microsoft Azure and Web Services	..... Testprep Exams
TestPrep 1Z0-808 Java SE 8 Programmer I	..... Testprep Exams
TestPrep 1Z0-809 Java SE 8 Programmer II	..... Testprep Exams

OPERATING SYSTEMS AND SERVER TECHNOLOGIES

COMPTIA A+

■ CompTIA A+ 220-902

CompTIA A+ 220-902: Windows Overview and Installation	..... Course
CompTIA A+ 220-902: Windows Interaction and Personalization	..... Course
CompTIA A+ 220-902: Windows Utilities and Management	..... Course
CompTIA A+ 220-902: Windows Applications and Features	..... Course
CompTIA A+ 220-902: Adding Hardware to Windows and Storage Options	..... Course
CompTIA A+ 220-902: Networking with the Windows Operating System	..... Course
CompTIA A+ 220-902: Monitoring the Windows OS and an Introduction to Other OSs	..... Course
CompTIA A+ 220-902: Mac OSX Features and an Introduction to Linux	..... Course
CompTIA A+ 220-902: Shell and Terminal Commands for Linux or Mac OSX	..... Course

IT SKILLS COURSEWARE

CompTIA A+ 220-902: Introduction to Mobile Operating Systems	Course
CompTIA A+ 220-902: Introduction to Virtualization and Basic Security Concepts	Course
CompTIA A+ 220-902: Windows Security Features and Management	Course
CompTIA A+ 220-902: Common Troubleshooting and Security Practices	Course
CompTIA A+ 220-902: A Practical Approach to Troubleshooting	Course
CompTIA A+ 220-902: Safety	Course
CompTIA A+ 220-902: Various Features and Requirements of Microsoft OS	Course

■ CompTIA A+ Exam 220-902

CompTIA A+ 220-902: Introduction to Windows	Course
CompTIA A+ Exam 220-902: Using and Managing Windows	Course
CompTIA A+ 220-902: CompTIA A+ Exam 220-902: Windows Networking	Course
CompTIA A+ 220-902: Non-Windows Operating Systems	Course
CompTIA A+ Exam 220-902: Non-desktop Technologies Desktop Security	Course
CompTIA A+ Exam 220-902: Troubleshooting	Course
CompTIA A+ 220-902: Mobile Troubleshooting	Course
CompTIA A+ 220-902: Operational Procedures	Course

■ CompTIA A+ 220-901

Mentoring 220-901 CompTIA A+	Mentoring Assets
CompTIA A+ Exam 220-901: Motherboards	Course
CompTIA A+ Exam 220-901: BIOS and Startup	Course
CompTIA A+ Exam 220-901: RAM	Course

CompTIA A+ Exam 220-901: Storage Solutions	Course
CompTIA A+ Exam 220-901: CPUs	Course
CompTIA A+ Exam 220-901: Connectors and Connections	Course
CompTIA A+ Exam 220-901: Peripheral Devices	Course
CompTIA A+ Exam 220-901: Display Devices	Course
CompTIA A+ Exam 220-901: Different Computer Form Factors	Course
CompTIA A+ Exam 220-901: Introduction to Networking	Course
CompTIA A+ Exam 220-901: Network Protocols and Cabling	Course
CompTIA A+ Exam 220-901: Wireless Networking	Course
CompTIA A+ Exam 220-901: Broadband Routers	Course
CompTIA A+ Exam 220-901: Internet Connections	Course
CompTIA A+ Exam 220-901: Mobile Computing	Course
CompTIA A+ Exam 220-901: Portable Computer Hardware	Course
CompTIA A+ Exam 220-901: Printers	Course
CompTIA A+ Exam 220-901: Printer Maintenance	Course
CompTIA A+ Exam 220-901: Troubleshooting Printers	Course
CompTIA A+ Exam 220-901: Miscellaneous Tools and Connectors	Course
CompTIA A+ Exam 220-901: Troubleshooting Peripheral and Mobile Devices	Course
TestPrep 220-901 CompTIA A+	Testprep Exams

■ CompTIA A+ Exam 220-901

CompTIA A+ 220-901: BIOS and Motherboards	Course
CompTIA A+ 220-901: Memory and Storage	Course
CompTIA A+ 220-901: PC Components	Course

IT SKILLS COURSEWARE

CompTIA A+ 220-901: Monitors and Output Devices	Course
CompTIA A+ 220-901: Printers	Course
Networking	Course
Internet Connectivity	Course
Laptops	Course
Mobile Devices	Course
CompTIA A+ 220-901: Computer Hardware Troubleshooting	Course
Troubleshooting Printers	Course

OPERATING SYSTEMS AND SERVER TECHNOLOGIES

COMPTIA SERVER+

■ CompTIA Server+ 2014

CompTIA Server+ SK0-004: Server Architecture	Course
CompTIA Server+ SK0-004: Server Administration I	Course
CompTIA Server+ SK0-004: Server Administration II	Course
CompTIA Server+ SK0-004: Storage	Course
CompTIA Server+ SK0-004: Security	Course
CompTIA Server+ SK0-004: Networking and Disaster Recovery	Course
CompTIA Server+ SK0-004: Troubleshooting I	Course
CompTIA Server+ SK0-004: Troubleshooting II	Course

OPERATING SYSTEMS AND SERVER TECHNOLOGIES

COMPTIA LINUX+

■ CompTIA Linux+ 2014 Powered By LPI: LX0-103

CompTIA Linux+ 2014 Powered By LPI: LX0-103: System Architecture	Course
CompTIA Linux+ 2014 Powered By LPI: LX0-103: Installation and Package Management	Course
CompTIA Linux+ 2014 Powered By LPI: LX0-103: GNU and Unix Commands	Course
CompTIA Linux+ 2014 Powered By LPI: LX0-103: Advanced GNU and Unix Commands	Course
CompTIA Linux+ 2014 Powered By LPI: LX0-103: Devices and Filesystems	Course

■ CompTIA Linux+ 2014 Powered By LPI: LX0-104

CompTIA Linux+ 2014 Powered By LPI: LX0-104 Scripting and Administrative Tasks	Course
CompTIA Linux+ 2014 Powered By LPI: LX0-104 Essential System Services	Course
CompTIA Linux+ 2014 Powered By LPI: LX0-104 Networking Fundamentals	Course
CompTIA Linux+ 2014 Powered By LPI: LX0-104 Security, Data, and Accessibility	Course

OPERATING SYSTEMS AND SERVER TECHNOLOGIES

MICROSOFT SHAREPOINT SERVER 2016

■ Managing Microsoft SharePoint Server 2016: 70-339

Planning and Installing SharePoint 2016	Course
SharePoint 2016 Taxonomy and Search	Course
SharePoint 2016 Security	Course
SharePoint 2016 Service Applications	Course

IT SKILLS COURSEWARE

Interconnecting SharePoint 2016	Course
SharePoint 2016 Content Management	Course
Ensuring SharePoint 2016 Stability	Course
Monitor, Tune, and Troubleshoot SharePoint 2016	Course
Upgrading and Updating SharePoint 2016	Course

OPERATING SYSTEMS AND SERVER TECHNOLOGIES

MICROSOFT SHAREPOINT SERVER 2013

Microsoft Sharepoint Server 2013: Core Solutions

Microsoft SharePoint Server 2013 - Core Solutions: Information Architecture	Course
Microsoft SharePoint Server 2013 - Core Solutions: Logical and Physical Design	Course
Microsoft SharePoint Server 2013 - Core Solutions: Installation	Course
SharePoint 2013 - Core Solutions: Web and Service Applications (Update Avail.)	Course
SharePoint 2013 - Core Solutions: Authentication (Update Avail.)	Course
SharePoint 2013 - Core Solutions: Security and Taxonomy (Update Avail.)	Course
SharePoint 2013 - Core Solutions: User Profiles and Search (Update Avail.)	Course
SharePoint 2013 - Core Solutions: Maintenance and Monitoring (Update Avail.)	Course
Microsoft SharePoint Server 2013 - Core Solutions: Information Architecture	Course
Microsoft SharePoint Server 2013 - Core Solutions: Logical and Physical Design	Course
Microsoft SharePoint Server 2013 - Core Solutions: Installation	Course

Microsoft SharePoint Server 2013 - Core Solutions: Web and Service Applications	Course
Microsoft SharePoint Server 2013 - Core Solutions: Authentication	Course
Microsoft SharePoint Server 2013 - Core Solutions: Security and Taxonomy	Course
Microsoft SharePoint Server 2013 - Core Solutions: User Profiles and Search	Course
Microsoft SharePoint Server 2013 - Core Solutions: Maintenance and Monitoring	Course

Microsoft SharePoint Server 2013 - Developing Core Solutions

Microsoft SharePoint Server 2013 - Developing Core Solutions: Planning Sites	Course
Microsoft SharePoint Server 2013 - Developing Core Solutions: Implement Security	Course
Microsoft SharePoint Server 2013 - Developing Core Solutions: Managing Data	Course
Microsoft SharePoint Server 2013 - Developing Core Solutions: Manage Solutions	Course
Microsoft SharePoint Server 2013 - Developing Core Solutions: User Experience	Course
Microsoft SharePoint Server 2013 - Developing Core Solutions: Business Processes	Course
Microsoft SharePoint Server 2013 - Developing Core Solutions: Create Office Apps	Course

Microsoft SharePoint Server 2013: Designing Advanced Solutions

Microsoft SharePoint Server 2013 - Designing Advanced Solutions: Upgrading	Course
Microsoft SharePoint Server 2013 - Designing Advanced Solutions: Continuity	Course

IT SKILLS COURSEWARE

Microsoft SharePoint Server 2013 - Designing Advanced Solutions: Search Services	..... Course
Microsoft SharePoint Server 2013 - Designing Advanced Solutions: Content Support	..... Course
Microsoft SharePoint Server 2013 - Designing Advanced Solutions: Applications	..... Course
Microsoft SharePoint Server 2013 - Designing Advanced Solutions: Support Service	..... Course
Microsoft SharePoint Server 2013 - Designing Advanced Solutions: Solutions	..... Course

OPERATING SYSTEMS AND SERVER TECHNOLOGIES

MICROSOFT WINDOWS 8

Microsoft Windows 8.1: Supporting Windows 8.1

Windows 8.1 - Supporting Windows 8.1: Installation (Update Avail.)	..... Course
Windows 8.1 - Supporting Windows 8.1: Cloud Applications (Update Avail.)	..... Course
Windows 8.1 - Supporting Windows 8.1: Networking and RDP (Update Avail.)	..... Course
Windows 8.1 - Supporting Windows 8.1: Data Storage and Security (Update Avail.)	..... Course
Windows 8.1 - Supporting Windows 8.1: Hardware and Mobility (Update Avail.)	..... Course
Windows 8.1 - Supporting Windows 8.1: Recovery and Security (Update Avail.)	..... Course
Windows 8.1 - Supporting Windows 8.1: Intune and Public Cloud (Update Avail.)	..... Course
Windows 8.1 - Supporting Windows 8.1: Using MDOP (Update Avail.)	..... Course
Microsoft Windows 8.1 - Supporting Windows 8.1: Installation and Applications	..... Course

Microsoft Windows 8.1 - Supporting Windows 8.1: Cloud Applications and Settings	..... Course
Microsoft Windows 8.1 - Supporting Windows 8.1: Networking and Remote Access	..... Course
Microsoft Windows 8.1 - Supporting Windows 8.1: Data Storage and Security	..... Course
Microsoft Windows 8.1 - Supporting Windows 8.1: Hardware and Mobile Devices	..... Course
Microsoft Windows 8.1 - Supporting Windows 8.1: Recovery and Endpoint Security	..... Course
Microsoft Windows 8.1 - Supporting Windows 8.1: Intune and Public Cloud Services	..... Course
Microsoft Windows 8.1 - Supporting Windows 8.1: Using MDOP	..... Course

Microsoft Windows 8.1: Configuration

Windows 8.1 - Configuring: Installation and Upgrading (Update Avail.)	..... Course
Windows 8.1 - Configuring: Hardware and Applications (Update Avail.)	..... Course
Windows 8.1 - Configuring: Network Configuration (Update Avail.)	..... Course
Windows 8.1 - Configuring: Remote Management and Security (Update Avail.)	..... Course
Windows 8.1 - Configuring: Resource Access (Update Avail.)	..... Course
Windows 8.1 - Configuring: Remote Access and Mobile Devices (Update Avail.)	..... Course
Windows 8.1 - Configuring: Windows Clients (Update Avail.)	..... Course
Windows 8.1 - Configuring: File and System Recovery (Update Avail.)	..... Course
Microsoft Windows 8.1 - Configuring: Installing and Upgrading to Windows 8.1	..... Course
Microsoft Windows 8.1 - Configuring: Hardware and Applications	..... Course

IT SKILLS COURSEWARE

Microsoft Windows 8.1 - Configuring: Network Configuration	Course
Microsoft Windows 8.1 - Configuring: Remote Management and Security	Course
Microsoft Windows 8.1 - Configuring: Resource Access	Course
Microsoft Windows 8.1 - Configuring: Remote Access and Mobile Devices	Course
Microsoft Windows 8.1 - Configuring: Windows Clients	Course
Microsoft Windows 8.1 - Configuring: File and System Recovery	Course

■ Microsoft Windows: Deploying Windows Devices and Enterprise Apps

Microsoft Windows - Deploying Windows Devices and Apps: Assessment Strategies	Course
Microsoft Windows - Deploying Windows Devices and Enterprise Apps: Compatibility	Course
Microsoft Windows - Deploying Windows Devices and Enterprise Apps: Images & PXE	Course
Microsoft Windows - Deploying Windows Devices and Enterprise Apps: MDT and LTI	Course
Microsoft Windows - Deploying Windows Devices and Enterprise Apps: ZTI and SCCM	Course
Microsoft Windows - Deploying Windows Devices and Enterprise Apps: Activation	Course

■ Microsoft Windows: Managing Enterprise Devices and Apps

Microsoft Windows - Managing Enterprise Devices and Apps: Desktops and Devices	Course
Microsoft Windows - Managing Enterprise Devices and Apps: Preparing SCCM	Course
Microsoft Windows - Managing Enterprise Devices and Apps: Client Management	Course
Microsoft Windows - Managing Enterprise Devices and Apps: Inventory and Assets	Course

Microsoft Windows - Managing Enterprise Devices and Apps: Managing Applications	Course
Microsoft Windows - Managing Enterprise Devices and Apps: Software Updates	Course
Microsoft Windows - Managing Enterprise Devices and Apps: Compliance	Course
Microsoft Windows - Managing Enterprise Devices and Apps: Site Management	Course

OPERATING SYSTEMS AND SERVER TECHNOLOGIES

MICROSOFT EXCHANGE SERVER 2016

■ Server 2016: Networking

Server 2016: IPv4 and IPv6 Address Management	Course
Server 2016: DHCP Management	Course
Server 2016: DNS Name Resolution	Course
Server 2016: Configuring DNS Zones	Course
Server 2016: Implementing IP Address Management (IPAM)	Course
Server 2016: Network Connectivity and Remote Access	Course
Server 2016: Securing Remote Authentication	Course
Server 2016: Supporting Branch Office Technologies	Course
Server 2016: Advanced Network Infrastructures	Course

■ Designing and Deploying Exchange Server 2016

Planning for and Deploying Mailbox Servers	Course
Collaboration in Exchange 2016	Course
Recovery Strategies And Client Access Services	Course
Security Strategies	Course

IT SKILLS COURSEWARE

Design and Secure Remote Access and Multiple Namespaces Solutions Course

Understanding Mailflow and Auditing Course

Message Records Management Course

Exchange 2016 Migration, Federation, and Sharing Course

OPERATING SYSTEMS AND SERVER TECHNOLOGIES

MICROSOFT EXCHANGE SERVER 2013

■ Microsoft Exchange Server 2013: Advanced Solutions

Microsoft Exchange Server 2013 - Advanced Solutions: Availability Course

Microsoft Exchange Server 2013 - Advanced Solutions: Site-resilience Solutions Course

Microsoft Exchange Server 2013 - Advanced Solutions: Advanced Security Course

Microsoft Exchange Server 2013 - Advanced Solutions: Compliance and Discovery Course

Microsoft Exchange Server 2013 - Advanced Solutions: Migration and Federation Course

Microsoft Exchange Server 2013 - Advanced Solutions: Troubleshooting Course

Microsoft Exchange Server 2013 - Advanced Solutions: Unified Messaging Course

OPERATING SYSTEMS AND SERVER TECHNOLOGIES

MICROSOFT WINDOWS SERVER 2012

■ Microsoft Windows Server 2012 R2: Installing and Configuring

Server 2012 R2 - Installing and Configuring: Servers (Update Avail.) Course

Server 2012 R2 - Installing and Configuring: Storage (Update Avail.) Course

Server 2012 R2 - Installing and Configuring: Print Services (Update Avail.) Course

Server 2012 R2 - Installing and Configuring: Hyper - V (Update Avail.) Course

Server 2012 R2 - Installing and Configuring: Networking (Update Avail.) Course

Server 2012 R2 - Installing and Configuring: DNS (Update Avail.) Course

Server 2012 R2 - Installing and Configuring: Active Directory (Update Avail.) Course

Server 2012 R2 - Installing and Configuring: AD Groups & GPOs (Update Avail.) Course

Server 2012 R2 - Installing and Configuring: Security (Update Avail.) Course

Microsoft Windows Server 2012 R2 - Installing and Configuring: Servers Course

Microsoft Windows Server 2012 R2 - Installing and Configuring: Storage Course

Microsoft Windows Server 2012 R2 - Installing and Configuring: Print Services Course

Microsoft Windows Server 2012 R2 - Installing and Configuring: Hyper - V Course

Microsoft Windows Server 2012 R2 - Installing and Configuring: Networking Course

Microsoft Windows Server 2012 R2 - Installing and Configuring: DNS Course

Microsoft Windows Server 2012 R2 - Installing and Configuring: Active Directory Course

Microsoft Windows Server 2012 R2 - Installing and Configuring: AD Groups & GPOs Course

Microsoft Windows Server 2012 R2 - Installing and Configuring: Security Course

IT SKILLS COURSEWARE

■ Microsoft Windows Server 2012 R2: Administration

Server 2012 R2 - Administration: Deploying and Managing WDS (Update Avail.)	Course
Server 2012 R2 - Administration: Updating and Monitoring (Update Avail.)	Course
Server 2012 R2 - Administration: File Services and Encryption (Update Avail.)	Course
Server 2012 R2 - Administration: Network Services and Access (Update Avail.)	Course
Server 2012 R2 - Administration: RADIUS, NPS, and NAP (Update Avail.)	Course
Server 2012 R2 - Administration: Service Accounts and Policies (Update Avail.)	Course
Server 2012 R2 - Administration: Managing Active Directory (Update Avail.)	Course
Server 2012 R2 - Administration: Group Policy Processing (Update Avail.)	Course
Server 2012 R2 - Administration: Managing GPOs and Preferences (Update Avail.)	Course
Microsoft Windows Server 2012 R2 - Administration: Deploying and Managing WDS	Course
Microsoft Windows Server 2012 R2 - Administration: Updating and Monitoring	Course
Microsoft Windows Server 2012 R2 - Administration: File Services and Encryption	Course
Microsoft Windows Server 2012 R2 - Administration: Network Services and Access	Course
Microsoft Windows Server 2012 R2 - Administration: RADIUS, NPS, and NAP	Course
Microsoft Windows Server 2012 R2 - Administration: Service Accounts and Policies	Course
Microsoft Windows Server 2012 R2 - Administration: Managing Active Directory	Course
Microsoft Windows Server 2012 R2 - Administration: Group Policy Processing	Course

Microsoft Windows Server 2012 R2 - Administration: Managing GPOs and Preferences	Course
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■ Microsoft Windows Server 2012 R2: Configuring Advanced Services

Server 2012 R2 - Configuring Advanced Services: HA (Update Avail.)	Course
Server 2012 R2 - Configuring Advanced Services: VMs and DR (Update Avail.)	Course
Server 2012 R2 - Configuring Advanced Services: Storage (Update Avail.)	Course
Server 2012 R2 - Configuring Advanced Services: DAC (Update Avail.)	Course
Server 2012 R2 - Configuring Advanced Services: DHCP & DNS (Update Avail.)	Course
Server 2012 R2 - Configuring Advanced Services: AD Domains (Update Avail.)	Course
Server 2012 R2 - Configuring Advanced Services: AD Replication (Update Avail.)	Course
Server 2012 R2 - Configuring Advanced Services: AD Federation (Update Avail.)	Course
Server 2012 R2 - Configuring Advanced Services: PKI (Update Avail.)	Course
Server 2012 R2 - Configuring Advanced Services: Federation (Update Avail.)	Course
Microsoft Windows Server 2012 R2 - Configuring Advanced Services: HA	Course
Microsoft Windows Server 2012 R2 - Configuring Advanced Services: VMs and DR	Course
Microsoft Windows Server 2012 R2 - Configuring Advanced Services: Storage	Course
Microsoft Windows Server 2012 R2 - Configuring Advanced Services: DAC	Course
Microsoft Windows Server 2012 R2 - Configuring Advanced Services: DHCP & DNS	Course
Microsoft Windows Server 2012 R2 - Configuring Advanced Services: AD Domains	Course

IT SKILLS COURSEWARE

Microsoft Windows Server 2012 R2 - Configuring
Advanced Services: AD
Replication
..... Course

Microsoft Windows Server 2012 R2 - Configuring
Advanced Services: PKI
..... Course

Microsoft Windows Server 2012 R2 - Configuring
Advanced Services: Federation
..... Course

■ Microsoft Windows Server 2012 R2: Implementing an Advanced Infrastructure

Server 2012 R2 - Advanced Infrastructure: Updates
(Update Avail.)
..... Course

Server 2012 R2 - Advanced Infrastructure: VM hosts and
guests (Update Avail.)
..... Course

Server 2012 R2 - Advanced Infrastructure: Storage and
networks (Update Avail.)
..... Course

Server 2012 R2 - Advanced Infrastructure: VM
Administration (Update Avail.)
..... Course

Server 2012 R2 - Advanced Infrastructure: Clustering
and NLB (Update Avail.)
..... Course

Server 2012 R2 - Advanced Infrastructure: Business
Continuity (Update Avail.)
..... Course

Server 2012 R2 - Advanced Infrastructure: Monitoring
(Update Avail.)
..... Course

Server 2012 R2 - Advanced Infrastructure: Certificate
Services (Update Avail.)
..... Course

Server 2012 R2 - Advanced Infrastructure: AD RMS and
AD FS (Update Avail.)
..... Course

Microsoft Windows Server 2012 R2 - Advanced
Infrastructure: Updates
..... Course

Microsoft Windows Server 2012 R2 - Advanced
Infrastructure: VM hosts and guests
..... Course

Microsoft Windows Server 2012 R2 - Advanced
Infrastructure: Storage and
networks
..... Course

Microsoft Windows Server 2012 R2 - Advanced
Infrastructure: VM Administration
..... Course

Microsoft Windows Server 2012 R2 - Advanced
Infrastructure: Clustering and NLB
..... Course

Microsoft Windows Server 2012 R2 - Advanced
Infrastructure: Business Continuity
..... Course

Microsoft Windows Server 2012 R2 - Advanced
Infrastructure: Monitoring
..... Course

Microsoft Windows Server 2012 R2 - Advanced
Infrastructure: Certificate
Services
..... Course

Microsoft Windows Server 2012 R2 - Advanced
Infrastructure: AD RMS and AD FS
..... Course

■ Microsoft Windows Server 2012 R2: Designing and Implementing an Infrastructure

Server 2012 R2: Server Infrastructure - AD Design
(Update Avail.)
..... Course

Server 2012 R2: Server Infrastructure - AD DS (Update
Avail.)
..... Course

Server 2012 R2: Server Infrastructure - OU and Group
Policy (Update Avail.)
..... Course

Server 2012 R2: Server Infrastructure - Server
Deployment (Update Avail.)
..... Course

Server 2012 R2: Server Infrastructure - DHCP Design
(Update Avail.)
..... Course

Server 2012 R2: Server Infrastructure - DNS, File and
Storage (Update Avail.)
..... Course

Server 2012 R2: Server Infrastructure - IPAM and VPN
(Update Avail.)
..... Course

Server 2012 R2: Server Infrastructure - DirectAccess
(Update Avail.)
..... Course

Server 2012 R2: Server Infrastructure - Network
Protection (Update Avail.)
..... Course

Server 2012 R2: Server Infrastructure - Implement NPS
and WAP (Update Avail.)
..... Course

Microsoft Windows Server 2012 R2: Server
Infrastructure - AD Design
..... Course

IT SKILLS COURSEWARE

Microsoft Windows Server 2012 R2: Server Infrastructure - AD DS	Course
Microsoft Windows Server 2012 R2: Server Infrastructure - OU and Group Policy	Course
Microsoft Windows Server 2012 R2: Server Infrastructure – Server Deployment	Course
Microsoft Windows Server 2012 R2: Server Infrastructure - DHCP Design	Course
Microsoft Windows Server 2012 R2: Server Infrastructure - DNS, File and Storage	Course
Microsoft Windows Server 2012 R2: Server Infrastructure - IPAM and VPN	Course
Microsoft Windows Server 2012 R2: Server Infrastructure – DirectAccess	Course
Microsoft Windows Server 2012 R2: Server Infrastructure - Network Protection	Course
Microsoft Windows Server 2012 R2: Server Infrastructure - Implement NPS and WAP	Course

OPERATING SYSTEMS AND SERVER TECHNOLOGIES

MICROSOFT EXCHANGE SERVER

■ Microsoft Exchange Server 2013: Core Solutions

Exchange 2013 - Core Solutions: Deployment (Update Avail.)	Course
Exchange 2013 - Core Solutions: Mailbox Server Management (Update Avail.)	Course
Exchange 2013 - Core Solutions: Client Access Servers (Update Avail.)	Course
Exchange 2013 - Core Solutions: Configuring Mobile Connectivity (Update Avail.)	Course
Exchange 2013 - Core Solutions: Message Transport (Update Avail.)	Course
Exchange 2013 - Core Solutions: Access Control (Update Avail.)	Course

Exchange 2013 - Core Solutions: High Availability and DR (Update Avail.)	Course
Exchange 2013 - Core Solutions: Monitoring and Troubleshooting (Update Avail.)	Course
Microsoft Exchange Server 2013 - Core Solutions: Deployment	Course
Microsoft Exchange Server 2013 - Core Solutions: Mailbox Server Management	Course
Microsoft Exchange Server 2013 - Core Solutions: Client Access Servers	Course
Microsoft Exchange Server 2013 - Core Solutions: Configuring Mobile Connectivity	Course
Microsoft Exchange Server 2013 - Core Solutions: Message Transport	Course
Microsoft Exchange Server 2013 - Core Solutions: Access Control	Course
Microsoft Exchange Server 2013 - Core Solutions: High Availability and DR	Course
Microsoft Exchange Server 2013 - Core Solutions: Monitoring and Troubleshooting	Course

OPERATING SYSTEMS AND SERVER TECHNOLOGIES

UNIX ESSENTIALS

■ Unix OS Fundamentals

Unix OS Fundamentals: An Introduction to Unix	Course
Unix OS Fundamentals: Managing Files and Directories	Course
Unix OS Fundamentals: Security	Course
Unix OS Fundamentals: Network Administration	Course

■ Unix Essentials

Installing Unix	Course
The Unix Command Line and GUI	Course

IT SKILLS COURSEWARE

Creating and Managing Unix File Systems	Course
Users, Groups, and Authentication	Course
Securing Unix Systems	Course
Unix Software Management	Course
Configuring Network Services	Course
Shell Scripting	Course
Unix Hardening and Maintenance	Course

OPERATING SYSTEMS AND SERVER TECHNOLOGIES

VMWARE

VMware vSphere 6 Install, Configure, Manage: Part 2

VMware vSphere 6 Install, Configure, Manage - Part 2: vSphere 6 Clustering	Course
VMware vSphere 6 Install, Configure, Manage - Part 2: vSphere 6 DRS	Course
VMware vSphere 6 Install, Configure, Manage - Part 2: vSphere 6 Monitoring	Course
VMware vSphere 6 Install, Configure, Manage - Part 2: vSphere 6 Design	Course
VMware vSphere 6 Install, Configure, Manage - Part 2: vSphere 6 Updating	Course
VMware vSphere 6 Install, Configure, Manage - Part 2: vSphere 6 Upgrading	Course

VMware vSphere 6 Install, Configure, Manage: Part 1

VMware vSphere 6 Install, Configure, Manage - Part 1: vSphere 6 Overview	Course
VMware vSphere 6 Install, Configure, Manage - Part 1: vSphere Installation	Course
VMware vSphere 6 Install, Configure, Manage - Part 1: Virtual Networks	Course

VMware vSphere 6 Install, Configure, Manage - Part 1: Storage and VMs	Course
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VMware Workstation 11 Fundamentals

Installing and Configuring VMware Workstation 11	Course
Creating and Configuring Virtual Machines in VMware Workstation 11	Course
Managing Virtual Machine Devices and Resources in VMware Workstation 11	Course
VMware Workstation 11 Networking and Remote Connectivity	Course

VMware NSX Network Virtualization

VMware NSX Network Virtualization: Technology and Architecture	Course
VMware NSX Network Virtualization: Physical Infrastructure Requirements	Course
VMware NSX Network Virtualization: Configuring vSphere Networking	Course
VMware NSX Network Virtualization: Installing and Upgrading	Course
VMware NSX Network Virtualization: Configuring NSX Virtual Networks	Course
VMware NSX Network Virtualization: NSX Network Services	Course
VMware NSX Network Virtualization: NSX Network Security	Course
VMware NSX Network Virtualization: NSX Operations	Course

VMware Overview

VMware Desktop Virtualization Overview	Course
VMware Data Center Virtualization Overview	Course
VMware Business Mobility Solutions	Course
VMware Cloud Services Solutions	Course

IT SKILLS COURSEWARE

■ VMware Certified Cloud Associate

VMware VCA: Cloud Overview	Course
VMware VCA: vRealize Automation and vRealize Operations Manager	Course
VMware VCA: vCloud Connector and vSphere	Course

■ VMware Certified Cloud Professional

Install and Configure vRealize Suite	Course
Configure and Manage Users and Groups in vRealize Automation	Course
Create and Administer Cloud Networking	Course
Manage vRealize Automation Resources	Course
Administer vRealize Automation Components	Course
Administer vRealize Orchestrator and Troubleshoot Automation Implementation	Course
Configure and Administer vRealize Business Standards and Application Services	Course

■ Exploring VMware vSphere 6.5

ESXi	Course
Virtual Machines	Course
vCenter	Course
Clustering	Course

■ VMware vSphere 6.5: Install, Configure, & Manage

vSphere 6.5 Overview	Course
vSphere 6.5 Installation	Course
vSphere 6.5 Virtual Machine Creation	Course
vSphere 6.5 Networking	Course
vSphere 6.5 Storage	Course

OPERATING SYSTEMS AND SERVER TECHNOLOGIES

OFFICE 365

■ Managing Identities and Requirements in Office 365

Office 365 Configuration	Course
Office 365 Deployment	Course
Managing Office 365 Cloud Identities, Synchronization, and Clients	Course
Office 365 Federated Identities (Single Sign-On)	Course
Monitoring and Troubleshooting Office 365 Usage	Course

■ Enabling Office 365 Services

Office 365 Services: Managing Clients and End-User Devices	Course
Office 365 Services: SharePoint Online Site Collections	Course
Office 365 Services: Planning for Exchange Online and Lync Online	Course
Office 365 Services: Configuring Exchange Online and Lync Online	Course

■ Enabling Office 365 Services

Enabling Office 365 Services: Managing Client User-driven and IT Deployments	Course
Enabling Office 365 Service: Telemetry	Course
Enabling Office 365 Services: SharePoint Online Sharing & Site Collections	Course
Enabling Office 365 Services: Collaboration Solutions	Course
Enabling Office 365 Services: Exchange Online Addresses, Mailboxes, Archiving	Course
Enabling Office 365 Services: Exchange Online Policy, Migration, and Compliance	Course

IT SKILLS COURSEWARE

Enabling Office 365 Services: Configuring and Managing Skype for Business Online
..... Course

■ **Managing Office 365 Identities and Requirements**

Office 365 Tenancy and Licensing
..... Course

Office 365 Configuring Domains
..... Course

Office 365 Pilot Deployment
..... Course

Office 365 DNS Records and Rights Management
..... Course

Client Connectivity and Administrator Roles in Office 365
..... Course

Managing Identities in Office 365
..... Course

Managing Office 365 Identities with PowerShell
..... Course

Office 365 and Azure AD Connect
..... Course

Managing Office 365 Identities Using Azure AD Connect
..... Course

Monitoring Office 365 Usage
..... Course

OPERATING SYSTEMS AND SERVER TECHNOLOGIES

WINDOWS POWERSHELL

■ **Microsoft PowerShell and Exchange Server**

Microsoft PowerShell and Exchange Server: Getting Started
..... Course

Microsoft PowerShell and Exchange Server: Managing Mailboxes
..... Course

Microsoft PowerShell and Exchange Server: Distribution Groups and Databases
..... Course

■ **Microsoft PowerShell and SharePoint**

Microsoft PowerShell and SharePoint: Getting Started
..... Course

Microsoft PowerShell and SharePoint: Managing Sites
..... Course

■ **Microsoft PowerShell and SQL Server**

Microsoft PowerShell and SQL Server: Introduction
..... Course

Microsoft PowerShell and SQL Server: Database Management
..... Course

■ **Microsoft PowerShell for Windows**

Microsoft PowerShell for Windows: Getting Started with PowerShell
..... Course

Microsoft PowerShell for Windows: Aliases, Providers, and Objects
..... Course

Microsoft PowerShell for Windows: Remoting and Modules
..... Course

■ **Windows Powershell Desired State Configuration**

Windows PowerShell Desired State Configuration Fundamentals
..... Course

■ **Advanced PowerShell Desired State Configuration**

Advanced PowerShell Desired State Configuration: Writing Custom Resources
..... Course

Advanced PowerShell Desired State Configuration: Advanced Configuration
..... Course

OPERATING SYSTEMS AND SERVER TECHNOLOGIES

MICROSOFT LYNC SERVER 2013

■ **Microsoft Lync Server 2013**

Microsoft Lync Server 2013: Administration and Data Resiliency Overview
..... Course

Microsoft Lync Server 2013: Configuration and Maintenance
..... Course

OPERATING SYSTEMS AND SERVER TECHNOLOGIES

IT SKILLS COURSEWARE

MICROSOFT WINDOWS 10

■ Microsoft Windows 10: Exploring the Technical Preview

First Encounters with Windows 10
..... Course

■ Microsoft Windows 10 End User First Look

Microsoft Windows 10 First Look: Interface and New Features
..... Course
Microsoft Windows 10 First Look: Configuration
..... Course

■ Microsoft Windows 10: Configuring Windows Devices

Introduction to Windows 10
..... Course
Deploy Windows 10 with New and Traditional Tools
..... Course
Configure Devices and Disks in Windows 10
..... Course
Configure Networking and Remote Connections in Windows 10
..... Course
Maintain Windows 10 and Configure Virtualization Technologies in Windows 10
..... Course
Configure User Data in Windows 10
..... Course
Configure Authentication and Secure Identities for Windows 10
..... Course
Threat Resistance Technologies in Windows 10
..... Course
Data Protection in Windows 10
..... Course
Install and Manage Windows 10 Applications and Universal Windows Apps
..... Course
Manage Windows 10 Devices
..... Course

■ Microsoft Windows 10: Supporting Windows 10

Microsoft Windows 10: Supporting Operating System and Application Installation
..... Course

Microsoft Windows 10: Supporting Connectivity and Data Storage
..... Course
Microsoft Windows 10: Supporting Authentication, Permissions, and Data Security
..... Course
Microsoft Windows 10: Supporting Hardware, Performance, and Mobile Devices
..... Course
Microsoft Windows 10: Supporting Client Compliance and Managing Clients
..... Course

■ Microsoft Windows 10: Installing and Configuring

Microsoft Windows 10: Implementing Windows
..... Course
Microsoft Windows 10: Configuring Core Services
..... Course
Microsoft Windows 10: Managing and Maintaining Windows
..... Course

■ Windows 10 Creators Update New Features

Introducing the Windows 10 Creators Update
..... Course
Windows Store, Security, and Browsing
..... Course
Windows Ink and Paint 3D
..... Course
Apps and Gaming
..... Course

OPERATING SYSTEMS AND SERVER TECHNOLOGIES

MICROSOFT INTERNET INFORMATION SERVICES 8.5

■ Microsoft Internet Information Services

Installing and Configuring a Microsoft IIS Server Service
..... Course

OPERATING SYSTEMS AND SERVER TECHNOLOGIES

DEVOPS

IT SKILLS COURSEWARE

■ Working with Chef

Working with Chef: Fundamentals
..... Course

■ DevOps Fundamentals

DevOps Fundamentals: Tools, Technologies, and
Infrastructures
..... Course

■ Using Docker

Using Docker: Benefits and Installation
..... Course

Using Docker: Dockerizing Applications
..... Course

Using Docker: Customizing and Clustering
..... Course

■ Using Puppet

Using Puppet: Implementation and Benefits
..... Course

Using Puppet: Configuration and Programming
..... Course

■ Using Vagrant

Using Vagrant: Introduction
..... Course

Using Vagrant: Configuration
..... Course

■ Chef - Beyond the Basics

Working with Chef Analytics
..... Course

Chef Advanced Administration
..... Course

■ Docker – Beyond the Basics

Docker Configuration and Management
..... Course

Working with Docker Machine, Security, and APIs
..... Course

■ Extending Jenkins

Intermediate Jenkins Considerations
..... Course

Building and Administering Complex Jenkins Projects
..... Course

■ Performance Engineering

Introduction to Application Performance Engineering
..... Course

Java Application Performance Analysis Tools
..... Course

IBM Pattern Modelling Analysis Tool
..... Course

Heap, Thread, and Monitor Dump Analyzer
..... Course

IBM Memory Analyzer and Visualizer
..... Course

ANTS Performance Profiler
..... Course

Application Performance Analyzer
..... Course

■ Puppet - Beyond the Basics

Working with Puppet Agent and Puppet Apply
..... Course

Building and Administering a Complex Puppet
Installation
..... Course

■ Vagrant Development Environments

Advanced Provisioning in Vagrant
..... Course

Vagrant Advanced Administration
..... Course

■ HP LoadRunner 12 Essentials

HP LoadRunner 12 Essentials: Working with VuGen
..... Course

HP LoadRunner 12 Essentials: Enhancing Vuser Scripts
..... Course

HP LoadRunner 12 Essentials: Working with Controller
and Analysis
..... Course

■ Fundamentals of DevOps

DevOps Methodologies and Development
..... Course

DevOps Management and Capabilities
..... Course

DevOps Testing and Delivery
..... Course

IT SKILLS COURSEWARE

■ Docker for Windows Server

Docker Introduction	..... Course
Docker and Windows	..... Course
Docker Installation and Management	..... Course
Docker Programmatic Access	..... Course

■ PowerShell for Server 2016

Introduction to PowerShell 5.0	..... Course
PowerShell 5.0 Cmdlet Structure and Help	..... Course
PowerShell 5.0 Syntax, Help, and Conditionals	..... Course
PowerShell 5.0 Aliases, Providers, and Objects	..... Course
PowerShell 5.0 Remote Management	..... Course
PowerShell 5.0 Output Formatting, Modules, and Customization	..... Course
PowerShell 5.0 Configuration, Advanced Help, and Queries	..... Course
PowerShell 5.0 Desired State Configuration (DSC)	..... Course
PowerShell 5.0 Local Configuration Manager (LCM)	..... Course
PowerShell 5.0 DSC Resources	..... Course
PowerShell 5.0 DSC, Configurations, and Repositories	..... Course
PowerShell 5.0 Resource Creation and Configuration	..... Course
PowerShell 5.0 DSC and Azure	..... Course
PowerShell 5.0 DSC with Linux and JEA	..... Course

■ Automation with Terraform

Introduction to Automation with Terraform	..... Course
Terraform Configurations	..... Course
Terraform Infrastructure	..... Course

Terraform Provisioning and Modules	..... Course
Terraform Variables	..... Course

OPERATING SYSTEMS AND SERVER TECHNOLOGIES

RED HAT LINUX

■ Red Hat Certified System Administrator RHEL 7

Red Hat Certified System Administrator: The Environment	..... Course
Red Hat Certified System Administrator: The Command Line	..... Course
Red Hat Certified System Administrator: Administration and Permissions	..... Course
Red Hat Certified System Administrator: Scripting and Scheduling	..... Course
Red Hat Certified System Administrator: Processes, Networking, and Logging	..... Course
Red Hat Certified System Administrator: Advanced Networking	..... Course
Red Hat Certified System Administrator: Remote Connections and Access	..... Course
Red Hat Certified System Administrator: File Systems and Device Management	..... Course
Red Hat Certified System Administrator: Boot Process and Installation	..... Course
Red Hat Certified System Administrator: Introduction to Virtualization	..... Course
Red Hat Certified System Administrator: SELinux and Troubleshooting	..... Course

OPERATING SYSTEMS AND SERVER TECHNOLOGIES

MICROSOFT MOBILITY AND DEVICE FUNDAMENTALS

IT SKILLS COURSEWARE

■ Windows Devices and Mobility Fundamentals

- Device Configuration and Data Access Course
- Data Management and Device Security Course
- Cloud Services and Enterprise Mobility Course

■ Planning and Managing Devices in the Enterprise

- Windows 10: Designing for Cloud and Hybrid Identity Course
- Windows 10: Designing for Device Access and Protection Course
- Windows 10: Designing for Data Access, Protection, and Remote Access Course
- Windows 10: Planning for Apps, Updates, and Recovery Course

OPERATING SYSTEMS AND SERVER TECHNOLOGIES

UBUNTU

■ Getting Started with Ubuntu

- Introduction to Ubuntu Course
- Essential Tools for Ubuntu Course

OPERATING SYSTEMS AND SERVER TECHNOLOGIES

SOFTWARE DEVELOPMENT

■ Working with Jenkins

- Working with Jenkins: Fundamentals Course

OPERATING SYSTEMS AND SERVER TECHNOLOGIES

MICROSOFT WINDOWS SERVER 2016

■ Microsoft Windows Server 2016 (First Look)

- Microsoft Windows Server 2016 (First Look): Active Directory and Networking Course

■ Microsoft Windows Nano Server First Look

- Microsoft Windows Nano Server: Nano Server First Look Course

■ Server 2016: Install, Store, and Compute

- Server 2016 - Install, Store, and Compute: Installation Options Course
- Server 2016 - Install, Store, and Compute: Upgrading, Managing, and Monitoring Course
- Server 2016 - Install, Store, and Compute: Maintaining Servers and Images Course
- Server 2016 - Install, Store, and Compute: Storage Solutions Course
- Server 2016 - Install, Store, and Compute: Data Deduplication and Hyper-V Setup Course
- Server 2016 - Install, Store, and Compute: Hyper-V Configuration Course
- Server 2016 - Install, Store, and Compute: Hyper-V Networking and Containers Course
- Server 2016 - Install, Store, and Compute: Containers and Hyper-V Migration Course
- Server 2016 - Install, Store, and Compute: Implementing Failover Clustering Course
- Server 2016 - Install, Store, and Compute: Managing High Availability Solutions Course
- Server 2016 - Install, Store, and Compute: VM Motion and Network Load Balancing Course

■ Server 2016: Identity

- Server 2016 - Identity: Active Directory Domain Controllers Course

IT SKILLS COURSEWARE

Server 2016 - Identity: Active Directory Accounts and Permissions	Course
Server 2016 - Identity: Active Directory Object Management	Course
Server 2016 - Identity: Maintaining Active Directory	Course
Server 2016 - Identity: Trusts and Site Management	Course
Server 2016 - Identity: Defining Group Policy Objects	Course
Server 2016 - Identity: Implementing Group Policy Preferences	Course
Server 2016 - Identity: Active Directory Certificate Services	Course
Server 2016 - Identity: AD Federation Services and Web Application Proxy	Course
Server 2016 - Identity: AD Rights Management Services	Course

■ Securing Windows Server 2016

Implementing Disk Encryption	Course
Implementing File Encryption	Course
Implementing Server Patching and Updating	Course
Managing Server 2016 Malware Solutions	Course
Additional Malware Protection	Course
Securing a Virtualization Infrastructure	Course
Securing a Network Infrastructure with Windows Firewalls	Course
Securing Network Infrastructure Traffic	Course
Managing Privileged Identities Part I	Course
Managing Privileged Identities Part II	Course
PAWs and LAPS	Course
Threat Detection Solutions	Course
Implementing Workload-specific Security Part I	Course

OPERATING SYSTEMS AND SERVER TECHNOLOGIES

WINDOWS PERFORMANCE MONITORING

■ Microsoft Windows Performance Monitoring

Microsoft Windows Performance Monitoring Basics	Course
Microsoft Windows Performance Monitoring Best Practice	Course
Microsoft Windows Performance Tools In Windows Operating Systems	Course
Windows Performance Monitoring: Additional Performance Tools	Course

OPERATING SYSTEMS AND SERVER TECHNOLOGIES

MICROSOFT SKYPE FOR BUSINESS

■ Skype for Business 2015

Planning, Installation, and Upgrading	Course
Chatting and Conferencing	Course
Client Configuration	Course
Configuring Enterprise Voice	Course
Archiving and External Access	Course
High Availability and Disaster Recovery	Course
Troubleshooting Skype for Business	Course

OPERATING SYSTEMS AND SERVER TECHNOLOGIES

MICROSOFT SYSTEM CENTER

■ System Center 2016

System Center Configuration Manager Introduction and Planning	Course
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IT SKILLS COURSEWARE

Installing System Center Configuration Manager	Course
Planning for Data Protection Manager	Course
Installing and Monitoring Data Protection Manager	Course
Operations Manager	Course
Installing Operations Manager	Course
Orchestrator Performance and Requirements	Course
Deploy and Manage Orchestrator	Course
Service Manager	Course
Deploying Service Manager	Course
Service Management Automation and Runbooks	Course
Deploy and Manage Service Management Automation	Course
Deploy and Install Virtual Machine Manager	Course
Manage Virtual Machine Manager	Course

OPERATING SYSTEMS AND SERVER TECHNOLOGIES

IT SERVICES

■ ITIL® 2011 Foundation

Overview of the ITIL® Service Lifecycle	Course
ITIL® Service Strategy Concepts	Course
ITIL® Service Strategy Processes	Course
ITIL® Service Design Concepts	Course
ITIL® Service Design Processes	Course
ITIL® Service Transition Concepts and Processes	Course
ITIL® Service Operation Concepts	Course
ITIL® Service Operation Processes	Course
ITIL® Continual Service Improvement	Course

■ ITIL® 2011 Edition Intermediate Level: Operational Support & Analysis (OSA)

ITIL® 2011 Edition OSA: Introduction to Operational Support and Analysis	Course
ITIL® 2011 Edition OSA: Introduction to Event Management	Course
ITIL® 2011 Edition OSA: Introduction to Incident Management	Course
ITIL® 2011 Edition OSA: Incident Management Interactions	Course
ITIL® 2011 Edition OSA: Introduction to Request Fulfillment	Course
ITIL® 2011 Edition OSA: Request Fulfillment Process Interfaces and Challenges	Course
ITIL® 2011 Edition OSA: Introduction to Problem Management	Course
ITIL® 2011 Edition OSA: Problem Management Process Interfaces and Challenges	Course
ITIL® 2011 Edition OSA: Introduction to Access Management	Course
ITIL® 2011 Edition OSA: Introduction to the Service Desk	Course
ITIL® 2011 Edition OSA: Service Desk Metrics and Outsourcing	Course
ITIL® 2011 Edition OSA: Introduction to Functions	Course
ITIL® 2011 Edition OSA: Function Activities	Course
ITIL® 2011 Edition OSA: Technology and Implementation Considerations	Course

OPERATING SYSTEMS AND SERVER TECHNOLOGIES

MENTORING ASSETS

■ Mentoring Assets

Mentoring 70-680 TS: Windows 7, Configuring	Mentoring Assets
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IT SKILLS COURSEWARE

Mentoring 70-686 PRO: Windows 7, Enterprise Desktop Administrator	Mentoring Assets
Mentoring 70-685 PRO: Windows 7, Enterprise Desktop Support Technician	Mentoring Assets
Mentoring 70-410 Installing and Configuring Windows Server 2012	Mentoring Assets
Mentoring 70-461 Querying Microsoft SQL Server 2012	Mentoring Assets
Mentoring 70-411 Administering Windows Server 2012	Mentoring Assets
Mentoring 70-412 Configuring Advanced Windows Server 2012 Services	Mentoring Assets
Mentoring N10-006 CompTIA Network+	Mentoring Assets
Mentoring 98-368 Mobility and Device Fundamentals	Mentoring Assets
Mentoring 220-902 CompTIA A+	Mentoring Assets
Mentoring 220-901 CompTIA A+	Mentoring Assets
Mentoring 70-697 Configuring Windows Devices	Mentoring Assets
Mentoring 70-398 Planning for and Managing Devices in the Enterprise	Mentoring Assets
Installing and Configuring Windows 10	Mentoring Assets
Mentoring 70-741 Networking with Windows Server 2016	Mentoring Assets
Mentoring 70-740 Installation, Storage, and Compute with Windows Server 2016	Mentoring Assets
Mentoring 70-742 Identity with Windows Server 2016	Mentoring Assets
Mentoring SY0-501 CompTIA Security+	Mentoring Assets
Mentoring CompTIA Network+ N10-007	Mentoring Assets

OPERATING SYSTEMS AND SERVER TECHNOLOGIES

TEST PREPS

■ Test Preps

TestPrep 70-680 TS: Windows 7, Configuring	Testprep Exams
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TestPrep 70-686 PRO: Windows 7, Enterprise Desktop Administrator	Testprep Exams
TestPrep 70-685 PRO: Windows 7, Enterprise Desktop Support Technician	Testprep Exams
TestPrep 70-411 Administering Windows Server 2012	Testprep Exams
TestPrep 70-410 Installing and Configuring Windows Server 2012	Testprep Exams
TestPrep 70-412 Configuring Advanced Windows Server 2012 Services	Testprep Exams
TestPrep 70-341 Core Solutions of Microsoft Exchange Server 2013	Testprep Exams
TestPrep 70-331 Core Solutions of Microsoft SharePoint Server 2013	Testprep Exams
TestPrep 70-414 Implementing an Advanced Server Infrastructure	Testprep Exams
TestPrep 70-332 Advanced Solutions of Microsoft SharePoint Server 2013	Testprep Exams
TestPrep 70-342 Advanced Solutions of Microsoft Exchange Server 2013	Testprep Exams
TestPrep SK0-004 CompTIA Server+	Testprep Exams
TestPrep LX0-103 CompTIA Linux+ Powered by LPI Exam 1	Testprep Exams
TestPrep LX0-104 CompTIA Linux+ Powered by LPI Exam 2	Testprep Exams
TestPrep 98-368 Mobility and Device Fundamentals	Testprep Exams
TestPrep 220-901 CompTIA A+	Testprep Exams
TestPrep 220-902 CompTIA A+	Testprep Exams
TestPrep 70-697 Configuring Windows Devices	Testprep Exams
TestPrep 70-398 Planning for and Managing Devices in the Enterprise	Testprep Exams
TestPrep 70-698 Installing and Configuring Windows 10	Testprep Exams
TestPrep 70-740 Installation, Storage, and Compute with Windows Server 2016	Testprep Exams

IT SKILLS COURSEWARE

INTERNET AND NETWORK TECHNOLOGIES

SOCIAL NETWORKING

■ Yammer for Business Users

Yammer for Business Users: Using Yammer
..... Course

■ Getting the Most from Social Networking

Social Networking Fundamentals
..... Course
Social Networking Services, Strategy, and Management
..... Course

■ Buffer for Business Users

Buffer: Sign-in & Account Creation
..... Course
Buffer: Managing Social Media Activity
..... Course

■ Flickr for End Users

Flickr: Sign-in & Setup
..... Course
Flickr: Photo Storage Tools
..... Course
Flickr: Organizing Photos & Creating Albums
..... Course
Flickr: Editing Photos
..... Course
Flickr: Interacting with the Community
..... Course

INTERNET AND NETWORK TECHNOLOGIES

COMPTIA NETWORKING, INTERNETWORKING, AND SECURITY TECHNOLOGIES

■ CompTIA Security+ SY0-501

CompTIA Security+ SY0-501: The Present Threat Landscape
..... Course
CompTIA Security+ SY0-501: Types of Malware
..... Course

CompTIA Security+ SY0-501: Social Engineering and Related Attacks
..... Course
CompTIA Security+ SY0-501: Application and Service Attacks
..... Course
CompTIA Security+ SY0-501: Cryptographic and Wireless Attacks
..... Course
CompTIA Security+ SY0-501: Penetration Testing and Vulnerability Scanning
..... Course
CompTIA Security+ SY0-501: Impacts from Vulnerability Types
..... Course
CompTIA Security+ SY0-501: Components Supporting Organizational Security
..... Course
CompTIA Security+ SY0-501: Security Assessment Using Software Tools
..... Course
CompTIA Security+ SY0-501: Cryptography
..... Course
CompTIA Security+ SY0-501: Public Key Infrastructure
..... Course
CompTIA Security+ SY0-501: Wireless Security Settings
..... Course
CompTIA Security+ SY0-501: Analyzing Output from Security Technologies
..... Course
CompTIA Security+ SY0-501: Deploying Mobile Devices Securely
..... Course
CompTIA Security+ SY0-501: Implementing Secure Protocols
..... Course
CompTIA Security+ SY0-501: Troubleshooting Common Security Issues
..... Course
CompTIA Security+ SY0-501: Identity Concepts and Access Services
..... Course
CompTIA Security+ SY0-501: Identity and Access Management Controls
..... Course
CompTIA Security+ SY0-501: Common Account Management Practices
..... Course
CompTIA Security+ SY0-501: Frameworks, Guidelines, and Physical Security
..... Course
CompTIA Security+ SY0-501: Implement Secure Network Architecture Concepts
..... Course

IT SKILLS COURSEWARE

- CompTIA Security+ SY0-501: Secure System and Application Design and Deployment Course
- CompTIA Security+ SY0-501: Cloud, Virtualization, and Resiliency Concepts Course
- CompTIA Security+ SY0-501: Policies, Plans, and Procedures Course
- CompTIA Security+ SY0-501: Business Impact Analysis and Risk Management Course
- CompTIA Security+ SY0-501: Incident Response, Forensics, and Disaster Recovery Course

■ **CompTIA Security+ SY0-401**

- CompTIA Security+ SY0-401: Control Fundamentals and Security Threats Course
- CompTIA Security+ SY0-401: Network Protocols, Attacks, and Defenses Course
- CompTIA Security+ SY0-401: Creating Secure Networks Course
- CompTIA Security+ SY0-401: Vulnerability Assessment and Penetration Testing Course
- CompTIA Security+ SY0-401: Secure Account Management, Security Policies, and LDAP Course
- CompTIA Security+ SY0-401: Securing a Networked Environment Course
- CompTIA Security+ SY0-401: Remote Access, Mobile, and Wireless Security Course
- CompTIA Security+ SY0-401: Cryptographic Methods and Public Key Infrastructures Course
- CompTIA Security+ SY0-401: Securing Applications, Virtualization, and the Cloud Course
- CompTIA Security+ SY0-401: Continuity, Disaster Recovery, and Computer Forensics Course

■ **CompTIA Network+ N10-006**

- CompTIA Network+ N10-006: Network Architecture Part 1 Course

- CompTIA Network+ N10-006: Network Architecture Part 2 Course
- CompTIA Network+ N10-006: Network Operations Part 1 Course
- CompTIA Network+ N10-006: Network Operations Part 2 Course
- CompTIA Network+ N10-006: Network Security Course
- CompTIA Network+ N10-006: Troubleshooting Part 1 Course
- CompTIA Network+ N10-006: Troubleshooting Part 2 Course
- CompTIA Network+ N10-006: Industry Standards, Practices, and Network Theory Course

■ **CompTIA Mobility+ MB0-001**

- CompTIA Mobility+ MB0-001: Over The Air Technologies Course
- CompTIA Mobility+ MB0-001: Network Infrastructure Course
- CompTIA Mobility+ MB0-001: Mobile Device Management 1 Course
- CompTIA Mobility+ MB0-001: Mobile Device Management 2 Course
- CompTIA Mobility+ MB0-001: Security Course
- CompTIA Mobility+ MB0-001: Troubleshooting 1 Course
- CompTIA Mobility+ MB0-001: Troubleshooting 2 Course

INTERNET AND NETWORK TECHNOLOGIES

NETWORK PROTOCOLS

■ **IP version 6**

- IPv6 Fundamentals Course

INTERNET AND NETWORK TECHNOLOGIES

COMPTIA NETWORK+

IT SKILLS COURSEWARE

■ CompTIA Network+ N10-007

Ports and Protocols and the OSI Model	Course
Routing, Switching, & IP Addressing	Course
Network Topologies & Technologies	Course
Cloud Concepts, Network Services, & Cabling Solutions	Course
Networking Devices	Course
Network Storage, Virtualization, & WAN Technologies	Course
Documentation and Diagrams & Business Continuity	Course
Network Monitoring & Remote Access Methods	Course
Policies and Best Practices	Course
Security Devices, Wireless Security, & Access Control	Course
Network Attacks & Device Hardening	Course
Mitigation Techniques	Course
Troubleshooting Methodology & Tools	Course
Troubleshooting Connectivity & Performance Issues	Course
Troubleshooting Common Network Service Issues	Course

INTERNET AND NETWORK TECHNOLOGIES

WIRELESS

■ Internet of Things Introduction

Internet of Things Applications	Course
Internet of Things Hardware	Course

INTERNET AND NETWORK TECHNOLOGIES

NETWORKING AND TELECOMMUNICATIONS FUNDAMENTALS

■ Networking Fundamentals

Networking Fundamentals: Configuring Wired and Wireless Networks and Firewalls	Course
Networking Fundamentals: Remote Connections, Shares, and Mac OSX Networking	Course

INTERNET AND NETWORK TECHNOLOGIES

SECURITY SOLUTIONS

■ Certified Ethical Hacker (CEH)

Certified Ethical Hacker: Hacking and Penetration Testing (Update Avail.)	Course
Certified Ethical Hacker: Footprinting and Reconnaissance (Update Avail.)	Course
Certified Ethical Hacker: Network Scanning (Update Avail.)	Course
Certified Ethical Hacker: Enumeration and Cryptography (Update Avail.)	Course
Certified Ethical Hacker: System Hacking (Update Avail.)	Course
Certified Ethical Hacker: Malware (Update Avail.)	Course
Certified Ethical Hacker: Sniffing (Update Avail.)	Course
Certified Ethical Hacker: Social Engineering (Update Avail.)	Course
Certified Ethical Hacker: Denial of Service and Hijacking (Update Avail.)	Course
Certified Ethical Hacker: Hacking Web Servers (Update Avail.)	Course
Certified Ethical Hacker: Hacking Web Applications (Update Avail.)	Course
Certified Ethical Hacker: SQL Injection (Update Avail.)	Course
Certified Ethical Hacker: Hacking Wireless Networks (Update Avail.)	Course
Certified Ethical Hacker: Hacking Mobile Platforms (Update Avail.)	Course

IT SKILLS COURSEWARE

Certified Ethical Hacker: Evading IDS, Firewalls, and Honey pots (Update Avail.)
..... Course

Certified Ethical Hacker: Buffer Overflow (Update Avail.)
..... Course

Certified Ethical Hacker (CEH): Hacking and Penetration Testing
..... Course

Certified Ethical Hacker (CEH): Footprinting and Reconnaissance
..... Course

Certified Ethical Hacker (CEH): Network Scanning
..... Course

Certified Ethical Hacker (CEH): Enumeration and Cryptography
..... Course

Certified Ethical Hacker (CEH): System Hacking
..... Course

Certified Ethical Hacker (CEH): Malware
..... Course

Certified Ethical Hacker (CEH): Sniffing
..... Course

Certified Ethical Hacker (CEH): Social Engineering
..... Course

Certified Ethical Hacker (CEH): Denial of Service and Session Hijacking
..... Course

Certified Ethical Hacker (CEH): Hacking Web Servers
..... Course

Certified Ethical Hacker (CEH): Hacking Web Applications
..... Course

Certified Ethical Hacker (CEH): SQL Injection
..... Course

Certified Ethical Hacker (CEH): Hacking Wireless Networks
..... Course

Certified Ethical Hacker (CEH): Hacking Mobile Platforms
..... Course

Certified Ethical Hacker (CEH): Evading IDS, Firewalls, and Honey pots
..... Course

Certified Ethical Hacker (CEH): Buffer Overflow
..... Course

■ Certified Information Security Manager (CISM)

CISM: Information Security Governance (Part 1)
..... Course

CISM: Information Security Governance (Part 2)
..... Course

CISM: Information Security Governance (Part 3)
..... Course

CISM: Information Risk Management and Compliance (Part 1)
..... Course

CISM: Information Risk Management and Compliance (Part 2)
..... Course

CISM: Information Security Program Development and Management (Part 1)
..... Course

CISM: Information Security Program Development and Management (Part 2)
..... Course

CISM: Information Security Program Development and Management (Part 3)
..... Course

CISM: Information Security Program Development and Management (Part 4)
..... Course

CISM: Information Security Program Development and Management (Part 5)
..... Course

CISM: Information Security Incident Management (Part 1)
..... Course

CISM: Information Security Incident Management (Part 2)
..... Course

..... Course

■ CompTIA Advanced Security Practitioner CAS-002

CompTIA CASP CAS-002: Cryptography and Enterprise Storage Concerns
..... Course

CompTIA CASP CAS-002: Advanced Network Design, Management, and Controls
..... Course

CompTIA CASP CAS-002: Security Controls for Hosts
..... Course

CompTIA CASP CAS-002: Application Vulnerabilities and Security Controls
..... Course

CompTIA CASP CAS-002: Industry Influences, Risk Planning, Strategy, and Control
..... Course

CompTIA CASP CAS-002: Privacy Policies & Procedures and Incident Recovery
..... Course

CompTIA CASP CAS-002: Research, Analysis and Assessment
..... Course

IT SKILLS COURSEWARE

CompTIA CASP CAS-002: Integration of Computing, Communications, and Disciplines Course

CompTIA CASP CAS-002: Technical Integration of Enterprise Components Course

■ Microsoft Security Fundamentals

Microsoft Security Fundamentals: Security Layers Course

Microsoft Security Fundamentals: Operating System Security Course

Microsoft Security Fundamentals: Network Security Course

Microsoft Security Fundamentals: Security Software Course

■ Certified Secure Software Lifecycle Professional (CSSLP)

CSSLP: Secure Software Concepts Course

CSSLP: Secure Software Requirements Course

CSSLP: Secure Software Design Course

CSSLP: Secure Software Implementation and Coding Course

CSSLP: Secure Software Testing Course

CSSLP: Software Acceptance, Deployment, Operations, Maintenance, and Disposal Course

CSSLP: Supply Chain and Software Acquisition Course

■ Certified Information Systems Security Professional (CISSP)

CISSP: Security Principles, Governance, and Guidelines Course

CISSP: Risk Management Course

CISSP: Asset Security Course

CISSP: Security Engineering Part 1 Course

CISSP: Security Engineering Part 2 Course

CISSP: Communication & Network Security Design Course

CISSP: Identity and Access Management Course

CISSP: Security Assessment and Testing Course

CISSP: Security Operations Part 1 Course

CISSP: Security Operations Part 2 Course

CISSP: Security Operations Part 3 Course

CISSP: Software Development Security Course

■ OWASP Top 10

Introduction to OWASP and the Top 10 Course

OWASP Mitigations for .NET Course

■ Foundations of Android Security

Android Architecture, Protection, and Development Best Practices Course

Android Security Vulnerabilities, Testing, and Enterprise Considerations Course

■ Foundations of iOS Security

iOS Security Architecture and Application Data Protection Course

Securing Against Threats, Securing for Enterprise, and Jailbreaking Devices Course

■ Cryptography Fundamentals

Cryptography Fundamentals: Defining Cryptography Course

Cryptography Fundamentals: Applying Cryptography Course

■ Systems Security Certified Practitioner

Systems Security Certified Practitioner: Access Controls Course

Systems Security Certified Practitioner: Security Operations Course

IT SKILLS COURSEWARE

Systems Security Certified Practitioner: Security Administration
..... Course

Systems Security Certified Practitioner: Risk Management
..... Course

Systems Security Certified Practitioner: Incident Response and Recovery
..... Course

Systems Security Certified Practitioner: Cryptography
..... Course

Systems Security Certified Practitioner: Network and Communications Security
..... Course

Systems Security Certified Practitioner: Systems and Application Security
..... Course

■ Securing User Accounts

Securing User Accounts: Fundamental Security Concepts
..... Course

Securing User Accounts: Authorization, Registration, and Passwords
..... Course

Securing User Accounts: Logon, Logoff, Account Changes, and Attack Mitigation
..... Course

■ What's New in CISSP 2015

Changes to CISSP 2015
..... Course

■ COBIT 5 Foundation

Introduction to COBIT 5
..... Course

COBIT 5 Principles and Implementation
..... Course

■ Securing Mobile Devices in the Enterprise

Securing Mobile Devices in the Enterprise: Mobile Security Threats
..... Course

Securing Mobile Devices in the Enterprise: Mobile Security Technologies
..... Course

Securing Mobile Devices in the Enterprise: Mobile Security Threat Mitigation
..... Course

Securing Mobile Devices in the Enterprise: Configuring Enterprise-level Security
..... Course

■ Certified Information Systems Auditor

CISA: The Process of Auditing Information Systems - Part 1
..... Course

CISA: The Process of Auditing Information Systems - Part 2
..... Course

CISA: Governance and Management of IT - Part 1
..... Course

CISA: Governance and Management of IT - Part 2
..... Course

CISA: Information Systems Acquisition, Development, and Implementation
..... Course

CISA: Information Systems Operations, Maintenance, and Service Management
..... Course

CISA: Protection of Information Assets - Part 1
..... Course

CISA: Protection of Information Assets - Part 2
..... Course

■ CompTIA Cybersecurity Analyst+ CS0-001

CompTIA Cybersecurity Analyst+ CS0-001: Network Architecture and Reconnaissance
..... Course

CompTIA Cybersecurity Analyst+ CS0-001: Threat Identification
..... Course

CompTIA Cybersecurity Analyst+ CS0-001: Threat Mitigation
..... Course

CompTIA Cybersecurity Analyst+ CS0-001: Reducing Vulnerabilities
..... Course

CompTIA Cybersecurity Analyst+ CS0-001: Investigate Security Incidents
..... Course

CompTIA Cybersecurity Analyst+ CS0-001: Monitoring for Security Issues
..... Course

■ Certified Information Security Manager (CISM)

Information Security Governance (Part 1)
..... Course

IT SKILLS COURSEWARE

Information Security Governance (Part 2)	Course
Information Risk Management (Part 1)	Course
Information Risk Management (Part 2)	Course
Information Security Program Development and Management (Part 1)	Course
Information Security Program Development and Management (Part 2)	Course
Information Security Incident Management (Part 1)	Course
Information Security Incident Management (Part 2)	Course

OWASP Top 10

OWASP Overview	Course
OWASP Top 10: List Item Overview	Course
OWASP A8 and A3: Cross-Site Attacks	Course
OWASP A7 and A6: Leaky and Unprepared Applications	Course
OWASP A4 and A2: Broken Applications	Course
OWASP A5 and A1: Security and Injection	Course
OWASP A10 and A9: API and Component Attacks	Course

Exploring Security Trends

Attack Vectors and Mitigations	Course
Vulnerabilities and Exploits	Course

CompTIA Advanced Security Practitioner (CASP)

Business and Industry Influences and Risks	Course
Organizational Security and Privacy Policies	Course
Risk Mitigation Strategies and Controls	Course
Risk Metric Scenarios for Enterprise Security	Course

Integrating Network and Security Components, Concepts, and Architectures	Course
Integrating Security Controls for Host Devices	Course
Integrating Controls for Mobile and Small Form Factor Devices	Course
Selecting Software Security Controls	Course
Conducting Security Assessments	Course

INTERNET AND NETWORK TECHNOLOGIES

CISCO

Cisco SENSS 1.0

SENSS 1.0: Secure Design Principles	Course
SENSS 1.0: Deploying Cisco IOS Control and Management Plane Security Controls	Course
SENSS 1.0: Deploying Cisco Traffic Telemetry Methods	Course
SENSS 1.0: Deploying Cisco IOS Layer 2 and Layer 3 Data Plane Security Controls	Course
SENSS 1.0: NAT Deployment on Cisco IOS Software and Cisco ASA	Course
SENSS 1.0: Firewall Threat Controls and Basic Cisco ASA Policy Configuration	Course
SENSS 1.0: Deploying Advanced Cisco ASA Access Policies	Course
SENSS 1.0: Deploying Reputation and Identity-Based Cisco ASA Access Policies	Course
SENSS 1.0: Threat Controls Deployment on Cisco IOS Software	Course

ROUTE 2.0: Implementing Cisco IP Routing

Cisco ROUTE 2.0: Basic Network and Routing Concepts	Course
Cisco ROUTE 2.0: Understanding the RIP and EIGRP Routing Protocols	Course

IT SKILLS COURSEWARE

Cisco ROUTE 2.0: EIGRP Topology Table and Optimizing EIGRP Behavior	Course
Cisco ROUTE 2.0: Configuring EIGRP for IPv6 and Named EIGRP	Course
Cisco ROUTE 2.0: Establishing OSPF Neighbor Relationships	Course
Cisco ROUTE 2.0: Optimizing and Tuning OSPF	Course
Cisco ROUTE 2.0: Link-State Database and Optimizing OSPF Behavior	Course
Cisco ROUTE 2.0: Configuring OSPFv3	Course
Cisco ROUTE 2.0: Configuring Routing Protocol Redistribution	Course
Cisco ROUTE 2.0: Redistribution Using Distribute and Prefix Lists	Course
Cisco ROUTE 2.0: Redistribution Using Route Maps and Tags	Course
Cisco ROUTE 2.0: Path Control Implementation	Course
Cisco ROUTE 2.0: Enterprise Internet Connectivity I	Course
Cisco ROUTE 2.0: Enterprise Internet Connectivity II	Course
Cisco ROUTE 2.0: Implementing Basic BGP Operations	Course
Cisco ROUTE 2.0: BGP Path Manipulation, Control, and BGP in the IPv6 Environment	Course
Cisco ROUTE 2.0: Routers and Routing Protocol Hardening	Course
Cisco ROUTE 2.0: Network Principles and Layer 2 Technologies	Course
Cisco ROUTE 2.0: Layer 3 Technologies	Course
Cisco ROUTE 2.0: VPN Technologies	Course
Cisco ROUTE 2.0: Securing Access	Course
Cisco ROUTE 2.0: Infrastructure Services	Course

■ SWITCH 2.0: Implementing Cisco IP Switched Networks

Cisco SWITCH 2.0: Basic Concepts and Network Design	Course
Cisco SWITCH 2.0: Campus Network Architecture I	Course
Cisco SWITCH 2.0: Campus Network Architecture II	Course
Cisco SWITCH 2.0: Spanning Tree Implementation	Course
Cisco SWITCH 2.0: STP Tuning and PVST and RSTP Implementation	Course
Cisco SWITCH 2.0: Spanning Tree Implementation II	Course
Cisco SWITCH 2.0: Inter-VLAN Routing	Course
Cisco SWITCH 2.0: High-Availability Networks	Course
Cisco SWITCH 2.0: Layer 3 Redundancy with HSRP	Course
Cisco SWITCH 2.0: Configuring Layer 3 Redundancy with VRRP and GLBP	Course
Cisco SWITCH 2.0: Campus Network Security I	Course
Cisco SWITCH 2.0: Campus Network Security II	Course
Cisco SWITCH 2.0: Campus Network Security III	Course

■ TSHOOT 2.0: Troubleshooting and Maintaining Cisco IP Networks

Cisco TSHOOT 2.0: Tools and Methodologies of Troubleshooting	Course
Cisco TSHOOT 2.0: Troubleshooting IPv4 and IPv6 Addressing and Routing	Course
Cisco TSHOOT 2.0: Troubleshooting OSPF	Course
Cisco TSHOOT 2.0: Troubleshooting EIGRP and BGP	Course
Cisco TSHOOT 2.0: Troubleshooting RIPv2	Course
Cisco TSHOOT 2.0: Troubleshooting RIPv6	Course
Cisco TSHOOT 2.0: Troubleshooting Redistribution	Course

IT SKILLS COURSEWARE

Cisco TSHOOT 2.0: Troubleshooting Layer 2 Switching and Inter-VLAN Routing	Course
Cisco TSHOOT 2.0: Troubleshooting FHRP	Course
Cisco TSHOOT 2.0: Troubleshooting Security Issues	Course
Cisco TSHOOT 2.0: Troubleshooting Router Features	Course

■ Cisco SITCS 1.0: Implementing Cisco Threat Control Solutions

Cisco SITCS 1.0: Cisco ASA (CX) NGFW Services I	Course
Cisco SITCS 1.0: Cisco ASA (CX) NGFW Services II	Course
Cisco SITCS 1.0: Cisco Web Security Appliance	Course
Cisco SITCS 1.0: Configuring Cisco Web Security Appliance	Course
Cisco SITCS 1.0: Cisco Cloud Web Security	Course
Cisco SITCS 1.0: Cisco Email Security Appliance	Course
Cisco SITCS 1.0: Cisco Intrusion Prevention Systems I	Course
Cisco SITCS 1.0: Cisco Intrusion Prevention Systems II	Course
Cisco SITCS 1.0: Configuring Cisco Email Security	Course

■ Implementing Cisco Secure Access Solutions (SISAS) 1.0

Cisco SISAS 1.0: Identity Services Overview and 802.1X	Course
Cisco SISAS 1.0: EAP and Logging into Cisco Identity Services Engine (ISE)	Course
Cisco SISAS 1.0: Cisco ISE Technologies	Course
Cisco SISAS 1.0: Certificate-based Authentication and Authorization	Course
Cisco SISAS 1.0: Cisco TrustSec, MACsec, and WebAuth Access	Course
Cisco SISAS 1.0: Endpoint Access Control Enhancements and Troubleshooting	Course

■ C1CD 1.0: Implementing Cisco Collaboration Devices

C1CD 1.0: Cisco Unified Communications Solutions	Course
C1CD 1.0: Characteristics of Cisco Unified Communications Solutions	Course
C1CD 1.0: Cisco Unified Communications Manager Administrator Interfaces	Course
C1CD 1.0: Cisco UCM End-user Interfaces and Call Flows and Call Legs	Course
C1CD 1.0: Component Impact on Call Flows in Unified Communications Manager	Course
C1CD 1.0: Cisco UCM and Cisco UCM Express End-users	Course
C1CD 1.0: Cisco UCM and Cisco UCM Express Endpoints	Course
C1CD 1.0: Cisco UCM and Cisco UCM Express Endpoint Implementation Options	Course
C1CD 1.0: Understanding Telephony Features	Course
C1CD 1.0: Telephony Feature Implementation and Mobility Options	Course
C1CD 1.0: Unity Connection and End User and Mailbox Requirements	Course
C1CD 1.0: Unity Connection End User Implementation and IM and Presence Service	Course
C1CD 1.0: Supporting End Users and Understanding Cisco UCM Reports	Course
C1CD 1.0: Cisco UCM Call Detail Records and Reporting and Monitoring Tools	Course

■ DC1CN 1.0: Introducing Cisco Data Center Networking

DC1CN 1.0: Ethernet Networks	Course
DC1CN 1.0: Simple Networks	Course
DC1CN 1.0: Switched Networks	Course
DC1CN 1.0: VLANs and Trunks	Course

IT SKILLS COURSEWARE

DCICN 1.0: Redundant Switched Topology	Course
DCICN 1.0: IPv4 and the Routing Process	Course
DCICN 1.0: IPv6 and Packet Delivery	Course
DCICN 1.0: Routing and ACLs on Cisco Nexus Switches	Course

SIMOS 1.0: Implementing Cisco Secure Mobility Solutions

SIMOS 1.0: Fundamentals of VPN Technologies and Cryptography	Course
SIMOS 1.0: Deploying Secure Site-to-Site Connectivity Solutions (Part 1)	Course
SIMOS 1.0: Deploying Secure Site-to-Site Connectivity Solutions (Part 2)	Course
SIMOS 1.0: Deploying Cisco IOS Site-to-Site FlexVPN Solutions	Course
SIMOS 1.0: Deploying Clientless SSL VPNs	Course
SIMOS 1.0: Clientless SSL VPNs, Endpoint Security, and Dynamic Access Policies	Course
SIMOS 1.0: Deploying Cisco AnyConnect VPNs	Course

DCICT 1.0: Introducing Cisco Data Center Technologies

Cisco DCICT 1.0 - Cisco Data Center Layers and the Nexus 7000 Series Switch	Course
Cisco DCICT 1.0 - Reviewing the Cisco Nexus 5000, 2000, and MDS Product Families	Course
Cisco DCICT 1.0 - Monitoring the Cisco Nexus 7000 and 5000 Series Switches	Course
Cisco DCICT 1.0 - Describing vPCs, Cisco FabricPath, and OTV in the DataCenter	Course
Cisco DCICT 1.0 - Virtualizing Network Devices and FEX Operations	Course
Cisco DCICT 1.0 - Virtualizing Storage and Servers	Course

Cisco DCICT 1.0 - Using the Cisco Nexus 1000V Series Switch	Course
Cisco DCICT 1.0 - Comparing Storage Connectivity Options in the Data Center	Course
Cisco DCICT 1.0 - Fibre Channel Storage and Cisco MDS 9000 Series Configuration	Course
Cisco DCICT 1.0 - Cisco Data Center Unified Fabric	Course
Cisco DCICT 1.0 - The Cisco UCS Series Product Family	Course
Cisco DCICT 1.0 - RAID Options and B-Series Blades and Cluster Options	Course
Cisco DCICT 1.0 - UCS Management Operations	Course

Implementing Cisco Video Network Devices, Part 2

CIVND2 1.0: Cisco Business Video Solutions	Course
CIVND2 1.0: Cisco Business Video Collaboration	Course
CIVND2 1.0: Installation and Configuration of Cisco IP Phones and Cisco Jabber	Course
CIVND2 1.0: Troubleshooting Cisco IP Phone, Cisco Jabber and Endpoint Issues	Course
CIVND2 1.0: Describing Cisco TelePresence and Endpoints	Course
CIVND2 1.0: Configuring Cisco TelePresence TC	Course
CIVND2 1.0: Troubleshooting Cisco TelePresence Endpoints	Course
CIVND2 1.0: Configuring and Monitoring Cisco Conferencing and DMPs	Course

Implementing Cisco IOS Network Security (IINS) 3.0

Cisco IINS 3.0: Threatscape, Security Policies and Basic Architectures	Course
Cisco IINS 3.0: Cryptographic Technologies, PKI and Digital Certificates	Course

IT SKILLS COURSEWARE

Cisco IINS 3.0: Implementing AAA, Management Protocols, and Systems	Course
Cisco IINS 3.0: Securing Layer 2 Infrastructure	Course
Cisco IINS 3.0: Securing Layer 2 Protocols and Firewall Technologies	Course
Cisco IINS 3.0: Introducing the Cisco ASA v9.2	Course
Cisco IINS 3.0: Cisco ASA Access Control and Service Policies	Course
Cisco IINS 3.0: Cisco IOS Zone Based Firewall	Course
Cisco IINS 3.0: IPsec Technologies	Course
Cisco IINS 3.0: Site-to-Site VPN	Course
Cisco IINS 3.0: Remote Access VPNs	Course
Cisco IINS 3.0: Intrusion Detection and Protection	Course

■ Implementing Cisco IP Telephony and Video, Part 1

CIPTV 1 1.0: Introduction to Cisco Unified Communications Manager	Course
CIPTV 1 1.0: Introduction to Single-site On-cluster Calling	Course
CIPTV 1 1.0: Call Routing Implementation	Course
CIPTV 1 1.0: Path Selection, Dial-Peers and H.323 and SIP Gateways	Course
CIPTV 1 1.0: Cisco Unified Border Element and Media Resources	Course
CIPTV 1 1.0: Cisco Audio and Video Conferencing using TelePresence	Course
CIPTV 1 1.0: Overview of QoS in a Packet Switched Network	Course

■ Cisco SPNGN Part 1

SPNGN1 1.0: Networking Functions	Course
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SPNGN1 1.0: Protocol Suites and the Internet Layer of IP	Course
SPNGN1 1.0: Managing IPv4 and IPv6 Addressing	Course
SPNGN1 1.0: The TCP/IP Transport Layer and Internet Security Threats	Course
SPNGN1 1.0: IPv4 Subnetting and VLSM	Course
SPNGN1 1.0: Ethernet Fundamentals	Course
SPNGN1 1.0: Switching Fundamentals	Course
SPNGN1 1.0: Operating and Securing a Cisco Switch	Course
SPNGN1 1.0: Switching Infrastructure Connectivity	Course
SPNGN1 1.0: Switch Troubleshooting and Routing Fundamentals	Course
SPNGN1 1.0: IOS XR Routers and Distance Vector Routing	Course
SPNGN1 1.0: EIGRP Configuration and Router Security	Course
SPNGN1 1.0: WAN Connectivity	Course
SPNGN1 1.0: Service Provider Edge Technologies	Course
SPNGN1 1.0: IP Addressing Solutions with NAT and DHCP	Course
SPNGN1 1.0: PPP and SONET in the WAN	Course
SPNGN1 1.0: VPN Technologies	Course
SPNGN1 1.0: Cisco Device Management	Course
SPNGN1 1.0: Monitoring Network Traffic, Behavior and Administration	Course

■ Implementing Cisco Video Network Devices, Part 1

CIVND1 1.0: Video Conferencing and Streaming Fundamentals	Course
CIVND1 1.0: Video Compression Technologies	Course
CIVND1 1.0: Video Conferencing and Protocol	Course

IT SKILLS COURSEWARE

CIVND1 1.0: Video Endpoints
..... Course
CIVND1 1.0: TelePresence Endpoint Environmental
Requirements and Configuration
..... Course

■ Implementing Cisco IP Telephony and Video, Part 2

CIPTV 2 1.0: CUCM v10 Video and Dynamic Routing
Using ILS and GDPR
..... Course
CIPTV 2 1.0: CUCM v10 Multisite Deployment Solutions
..... Course
CIPTV 2 1.0: CUCM v10 Globalized Call Routing and
PSTN Backup
..... Course
CIPTV 2 1.0: CUCM v10 URI Dialing, MGCP Fallback, and
SRST
..... Course
CIPTV 2 1.0: CUCM v10 Bandwidth Management Tools
and MOH Solutions
..... Course
CIPTV 2 1.0: Cisco Unified Communications Manager
v10 Mobility
..... Course
CIPTV 2 1.0: Cisco Unified Communications Manager
v10 Unified Mobility and VCS
..... Course
CIPTV 2 1.0: CUCM v10 Video and Dynamic Routing
Using ILS and GDPR
..... Course
CIPTV 2 1.0: CUCM v10 Service Advertising Framework
Using Call Control
Discovery
..... Course

■ DESGN: Designing for Cisco Internetwork Solutions

DESGN 3.0: Network Design Methodologies
..... Course
DESGN 3.0: Building a Modular Network Design
..... Course
DESGN 3.0: Campus Network Design Fundamentals
..... Course
DESGN 3.0: Designing a Highly Available Campus
Network
..... Course
DESGN 3.0: Designing a Secure Network and Edge
Connectivity
..... Course
DESGN 3.0: Designing Wide Area Networks
..... Course

DESGN 3.0: Branch Office and Datacenter Design
..... Course
Designing Routed Networks with EIGRP and OSPF
..... Course
DESGN 3.0: Designing Routed Networks with IS-IS and
BGP
..... Course
DESGN 3.0: Supporting QoS and Wireless in a Network
Design
..... Course
DESGN 3.0: Designing a Network for Collaboration and
Introducing IP Addressing
..... Course
DESGN 3.0: Designing IPv4 and IPv6 Addressing Plans
..... Course
DESGN 3.0: Managing IP Addresses and Introducing
SDN
..... Course

■ Understanding Cisco Cloud Fundamentals

An Introduction to Basic Cloud Concepts
..... Course
Understanding Cisco Cloud Networking Architecture
..... Course
Understanding Cisco Network Virtualization Solutions
and SDN
..... Course
An Introduction to Basic Cloud Storage Solutions
..... Course
Fibre Channel Storage Area Networks
..... Course
Cisco UCS Product Line for Cloud Computing
..... Course
Virtualizing Servers for the Cloud
..... Course
Converged Infrastructures, Automation, and
Provisioning for the Cloud
..... Course

■ Interconnecting Cisco Networking Devices Part 1 (ICND1) 3.0

An Introduction to Networking and Cisco IOS
..... Course
Managing Switches and Routers with Cisco IOS
..... Course
Discovering Ethernet and Troubleshooting
Methodologies
..... Course
The Internet, Transport, and Application Layers
..... Course

IT SKILLS COURSEWARE

Mastering IPv4 Addressing and Subnetting	Course
Discovering Cisco IOS Routers	Course
ICND1 3.0: Understanding Host-to-Host Communication and Implementing Static Routing	Course
IPv4 Access Control Lists	Course
IPv4 Private to Public Network Address Translation	Course
VLANs, Trunking, and Inter-VLAN Routing	Course
Implementing DHCP and RIPv2	Course
Securing Management Access on an IOS Device	Course
Implementing Port Security and Managing the Cisco IOS	Course
Introducing IPv6	Course

■ Interconnecting Cisco Networking Devices Part 2 (ICND2) 3.0

ICND2 3.0: Implementing and Troubleshooting VLANs, Trunks, and Etherchannel	Course
ICND2 3.0: Working with Spanning-Tree and First Hop Redundancy Protocols	Course
ICND2 3.0: Troubleshooting IPv4 Networks	Course
ICND2 3.0: Troubleshooting IPv6 Networks	Course
ICND2 3.0: Introducing Dynamic Routing Protocols and EIGRP for IPv4	Course
ICND2 3.0: Configuring and Verifying OSPFv2	Course
ICND2 3.0: Configuring and Verifying EIGRP for IPv6 and OSPFv3	Course
ICND2 3.0: Troubleshooting EIGRP for IPv4/IPv6 and Troubleshooting OSPFv2/OSPFv3	Course
ICND2 3.0: Wide Area Networks using PPP, GRE, and eBGP	Course
ICND2 3.0: Mitigating Threats, Introducing SDN, and Examining QoS	Course

■ Implementing Cisco Threat Control Solutions

Describing and Integrating Cisco Web Security Appliance Solutions	Course
Configuring Cisco Web Security Appliance Identities and User Authentication	Course
Configuring WSA Acceptable Use Controls	Course
Configuring WSA Anti-Malware Controls, Decryption, and Data Security Controls	Course
Configuring Cisco Cloud Web Security	Course
Cisco Email Security Solutions and Basic Setup Components	Course
Configuring Cisco ESA Basic Incoming and Outgoing Mail Policies	Course
AMP for Endpoints Overview, Architecture, Custom Detection, and AMP Policy	Course
IOCs, Deploying AMP Connectors, and AMP Analysis Tools	Course
FireSIGHT, FirePOWER, Access Control, and Discovery	Course
Additional FireSIGHT, FirePOWER, Access Control, and Discovery	Course
Network Analysis Policy	Course
IPS and Cisco ASA 5500-X Series FirePOWER Services (SFR) Module	Course

INTERNET AND NETWORK TECHNOLOGIES

NETWORK MANAGEMENT AND SECURITY

■ Software Defined Networking Essentials

Software Defined Networking Fundamentals	Course
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IT SKILLS COURSEWARE

■ Juniper Networks Junos Essentials

Juniper Networks Junos Essentials: Networking Fundamentals Course
Juniper Networks Junos Essentials: Junos OS Fundamentals	..... Course
Juniper Networks Junos Essentials: Configuration Basics	..... Course
Juniper Networks Junos Essentials: Monitoring and Maintenance	..... Course
Juniper Networks Junos Essentials: Routing Fundamentals	..... Course
Juniper Networks Junos Essentials: Routing Policy & Firewall Filters	..... Course

INTERNET AND NETWORK TECHNOLOGIES

CLOUD COMPUTING

■ Microsoft System Center 2012 R2: Monitoring and Operating a Private Cloud

Microsoft System Center 2012 R2 – Monitor and Operate: Private Cloud Overview	..... Course
Microsoft System Center 2012 R2 – Monitor and Operate: Deploying Cloud Services	..... Course
Microsoft System Center 2012 R2 – Monitor and Operate: Monitoring Cloud Services	..... Course
Microsoft System Center 2012 R2 – Monitor and Operate: Service Management	..... Course
Microsoft System Center 2012 R2 – Monitor and Operate: Problem Management	..... Course
Microsoft System Center 2012 R2 – Monitor and Operate: Backup and Recovery	..... Course
Microsoft System Center 2012 R2 – Monitor and Operate: Compliance	..... Course
Microsoft System Center 2012 R2 – Monitor and Operate: SLAs Widgets & Dashboards	..... Course

■ CompTIA Cloud+ CV0-001

CompTIA Cloud+ CV0-001: Cloud Fundamentals	..... Course
CompTIA Cloud+ CV0-001: Virtualization	..... Course
CompTIA Cloud+ CV0-001: Data Center Infrastructure	..... Course
CompTIA Cloud+ CV0-001: Cloud Management	..... Course
CompTIA Cloud+ CV0-001: Cloud Security	..... Course
CompTIA Cloud+ CV0-001: Managing Cloud Systems	..... Course

■ Microsoft System Center 2012 R2: Configuring and Deploying a Private Cloud

Microsoft System Center 2012 R2 – Configure and Deploy: VMM Overview	..... Course
Microsoft System Center 2012 R2 – Configure and Deploy: Extending & Maintaining	..... Course
Microsoft System Center 2012 R2 – Configure and Deploy: Application Delivery	..... Course
Microsoft System Center 2012 R2 – Configure and Deploy: Building Private Clouds	..... Course
Microsoft System Center 2012 R2 – Configure and Deploy: Monitoring	..... Course
Microsoft System Center 2012 R2 – Configure and Deploy: Service Management	..... Course
Microsoft System Center 2012 R2 – Configure and Deploy: DPM	..... Course
Microsoft System Center 2012 R2 – Configure and Deploy: Automation	..... Course

■ Managing Citrix XenDesktop 7 Solutions

Administrating XenDesktop 7.5 and Hypervisor Management	..... Course
Managing XenDesktop 7.5 Desktops and Applications	..... Course
Configuring Citrix XenDesktop 7.6 Components	..... Course

IT SKILLS COURSEWARE

Managing a Citrix XenDesktop 7.6 Environment	Course
Monitoring a Citrix XenDesktop 7.6 Environment	Course
Troubleshooting a Citrix XenDesktop 7.6 Environment	Course

■ OpenStack Fundamentals

Implementing OpenStack	Course
Configuring OpenStack	Course

■ Virtualizing Enterprise Desktops and Apps

Virtualizing Enterprise Desktops and Apps: Plan App Virtualization and Use MAP	Course
Virtualizing Enterprise Desktops and Apps: App-V Clients and App Sequencing	Course
Virtualizing Enterprise Desktops and Apps: VM-based and Session-based RDS	Course
Virtualizing Enterprise Desktops and Apps: RemoteApps	Course
Virtualizing Enterprise Desktops and Apps: Plan for Resilient Virtualized Apps	Course

■ Certified Cloud Security Professional (CCSP)

Cloud System Architecture – Concepts and Design	Course
Cloud Data Security	Course
Cloud System Security - Platform and Infrastructure	Course
Cloud Application Security	Course
Cloud Service – Operations Management	Course
Cloud Service – Legal and Compliance	Course

■ Microsoft Hyper-V 2016 First Look

Microsoft Hyper-V 2016: First Look	Course
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■ Cloud Computing for the Business User

Cloud Computing for the Business User: Concepts and Moving to the Cloud	Course
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■ Architecting on Amazon Web Services

Architecting on Amazon Web Services: IAM and Object Storage	Course
Architecting on Amazon Web Services: Elastic Compute Cloud (EC2) Overview	Course
Architecting on Amazon Web Services: Elastic Compute Cloud (EC2) Auto Scaling	Course
Architecting on Amazon Web Services: Databases and Application Services	Course
Architecting on Amazon Web Services: Networking and Best Practice	Course

■ Advanced Architecting on Amazon Web Services

Advanced Architecting on Amazon Web Services: HA and Business Continuity	Course
Advanced Architecting on Amazon Web Services: Costing	Course
Advanced Architecting on Amazon Web Services: Deployment Management	Course
Advanced Architecting on Amazon Web Services: Cloud Migration and Architecture	Course
Advanced Architecting on Amazon Web Services: Data Storage Architecture	Course
Advanced Architecting on Amazon Web Services: Security Architecture	Course
Advanced Architecting on Amazon Web Services: Scalability and Elasticity	Course

■ Cloud Computing Technology Fundamentals

Cloud Computing Fundamentals: Overview	Course
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IT SKILLS COURSEWARE

Cloud Computing Fundamentals: Virtualization and Data Centers Course

Cloud Computing Fundamentals: Storing and Managing Cloud Data Course

Cloud Computing Fundamentals: Migrating to the Cloud Course

Cloud Computing Fundamentals: Identity, Presence, and Privacy Course

Cloud Computing Fundamentals: Cloud Security Course

■ Microsoft SCCM 2012: Administering and Deploying

Overview & Prerequisite Setup for System Center Configuration Manager 2012 R2 Course

Basic SCCM Maintenance and Managing Operating System Deployment Course

Deploying Applications and Software Updates Course

Administering System Center Configuration Manager 2012 R2 Course

SCCM 2012 R2 Performance and Health Monitoring Course

SCCM 2012 R2 Boundaries and Security Considerations Course

SCCM 2012 R2 Compliance Settings and Managing Clients Course

Managing Inventory and Reporting Course

■ AWS Certified Developer - Associate

Getting Started with Amazon Web Services Course

Core Services on AWS Course

AWS Infrastructure Services Course

■ Engineering DevOps on Amazon Web Services

Source Control on AWS Course

Deployment and Delivery on AWS Course

Amazon ECS and OpsWorks Course

Using AWS CodeDeploy Course

■ Systems Operations on Amazon Web Services

AWS SysOps Associate: Monitoring, Metrics, Analysis, and Deployment Course

AWS SysOps Associate: High Availability and Data Management Course

AWS SysOps Associate: Security and Networking Course

■ Architecting Microsoft Azure Solutions

Microsoft Azure – Architecting Solutions: Infrastructure and Networking Course

Microsoft Azure – Architecting Solutions: Securing Resources Course

Microsoft Azure – Architecting Solutions: Designing Storage and Data Access Course

Microsoft Azure – Architecting Solutions: Service Support for Azure Data Course

Microsoft Azure – Architecting Solutions: Designing Advanced Applications Course

Microsoft Azure – Architecting Solutions: Design Web Sites Course

Microsoft Azure – Architecting Solutions: Designing a Management Strategy Course

Microsoft Azure – Architecting Solutions: Designing a Continuity Strategy Course

■ Developing Microsoft Azure Solutions

Configuring Azure Websites Course

Create and Manage Azure Virtual Machines (VMs) Course

Configure Azure VM Networking, Storage, Scaling, and Monitoring Course

IT SKILLS COURSEWARE

■ Google Cloud SQL for Developers

Google Cloud SQL for Developers: Instance Management in the Developers Console	Course
Google Cloud SQL for Developers: Interacting, Connecting, and Management	Course

■ Google Cloud Platform Fundamentals

Google Cloud	Course
Container, Compute, and App Engine with Networking Services	Course
Google Cloud Big Data and Machine Learning	Course

■ Architecting Microsoft Azure Solutions

Designing an Azure Architecture	Course
Designing Azure Storage	Course
Designing Azure Networking	Course
Azure Virtual Machines	Course
Designing Azure Web Apps	Course
Messaging and Hybrid Applications	Course
Compute-Intensive Applications	Course
Designing an Azure Security Strategy	Course
Azure Monitoring and Disaster Recovery	Course

■ Developing Microsoft Azure Solutions

Creating Virtual Machines (VMs) and Workloads	Course
Managing Azure VMs	Course
Configuring Azure VM Networking	Course
Azure VM Scaling and Storage	Course
Azure VM Monitoring and Availability	Course
Azure Blob Storage	Course

Azure Storage Tables and Queues	Course
Managing and Monitoring Azure Storage	Course
Azure SQL Database and Caching	Course
Cosmos DB and Azure Search	Course
Implementing Communication and Messaging Strategies	Course
Azure Active Directory and Collaboration	Course
Designing Web Apps	Course
Azure Functions and API Management	Course
Designing and Implementing Azure Apps	Course
Azure Service Fabric Apps	Course

■ Implementing Microsoft Azure Solutions

Azure Storage and the Azure Environment	Course
Azure Networking	Course
Azure Virtual Machine Management	Course
Azure Active Directory and Authentication	Course
Azure SQL DB and ARM Templates	Course
Azure App Services	Course
Automation and High Availability	Course
Azure Security and Monitoring	Course
Azure Backup and Recovery	Course

■ Design and Implement Cloud Platform Solutions

SQL Databases	Course
Implementing a SQL Database	Course
Azure Virtual Machines	Course

IT SKILLS COURSEWARE

Hybrid SQL Server Solutions	Course
Data Warehousing	Course
SQL Server Database Security	Course
Azure SQL Database Security	Course
Azure High Availability Solutions	Course
Scaling Cloud Solutions	Course
Recovering SQL Databases	Course
Performance Monitoring	Course
Troubleshooting SQL Database Errors	Course

■ Google G Suite Administrator

Google G Suite Admin: User Management	Course
G Suite: Group and OU Management	Course
G Suite: E-mail and Calendar Management	Course
G Suite: Security, Service, and Mobile Device Management	Course

■ AWS Essentials

AWS: Cloud Primer	Course
AWS: Management Tools	Course
AWS: Storage	Course
AWS: Networking	Course
AWS: Virtual Machines and Identity and Access Management	Course
AWS: WorkDocs	Course
AWS: Other Services	Course

■ Architecting on Amazon Web Services

Cloud Tech Primer	Course
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The AWS Cloud	Course
Core AWS Management	Course
EFS and EBS	Course
Cloud Storage Solutions	Course
Virtual Private Clouds (VPCs) and Subnets	Course
Command Line VM Management	Course
Caching, Performance, and High Availability	Course
EBS Snapshots, Monitoring, and Logging	Course
Identity and Access Management	Course
Advanced AWS Management	Course
AWS Security	Course
AWS Disaster Recovery	Course
AWS Troubleshooting	Course
CDN, Route 53	Course
AWS Database Services	Course

INTERNET AND NETWORK TECHNOLOGIES

MENTORING ASSETS

■ Mentoring Assets

Mentoring Certified Information Systems Security Professional (CISSP)	Mentoring Assets
Mentoring Systems Security Certified Practitioner (SSCP)	Mentoring Assets
Mentoring 312-50 Certified Ethical Hacker (CEH)	Mentoring Assets
Mentoring SY0-401 CompTIA Security+	Mentoring Assets
Mentoring 300-115 Implementing Cisco IP Switched Networks (SWITCH)	Mentoring Assets

IT SKILLS COURSEWARE

Mentoring 300-101 Implementing Cisco IP Routing (ROUTE)	Mentoring Assets
Mentoring 300-135 Troubleshooting and Maintaining Cisco IP Networks (TSHOOT)	Mentoring Assets
Mentoring CV0-001 CompTIA Cloud+	Mentoring Assets
Mentoring N10-006 CompTIA Network+	Mentoring Assets
Mentoring CAS-002 CompTIA Advanced Security Practitioner	Mentoring Assets
Mentoring SK0-004 CompTIA Server+	Mentoring Assets
Mentoring 98-367 MTA Security Fundamentals	Mentoring Assets
Mentoring 98-369 Cloud Fundamentals	Mentoring Assets
Mentoring 100-105 Interconnecting Cisco Networking Devices Part 1 (ICND1)	Mentoring Assets
Mentoring 200-105 Interconnecting Cisco Networking Devices Part 2 (ICND2)	Mentoring Assets
Mentoring 200-125 Interconnecting Cisco Networking Devices (CCNA)	Mentoring Assets
Mentoring CS0-001 CompTIA Cybersecurity Analyst+	Mentoring Assets

INTERNET AND NETWORK TECHNOLOGIES

TEST PREPS

■ Test Preps

TestPrep 312-50 Certified Ethical Hacker (CEH)	Testprep Exams
TestPrep SY0-401 CompTIA Security+	Testprep Exams
TestPrep 300-101 Implementing Cisco IP Routing (ROUTE)	Testprep Exams
TestPrep 300-115 Implementing Cisco IP Switched Networks (SWITCH)	Testprep Exams
TestPrep 300-206 Implementing Cisco Edge Network Security Solutions (SENS)	Testprep Exams
TestPrep CV0-001 CompTIA Cloud+	Testprep Exams

TestPrep 70-246 Monitoring and Operating a Private Cloud, System Center 2012	Testprep Exams
TestPrep N10-006 CompTIA Network+	Testprep Exams
TestPrep 70-247 Configuring and Deploying a Private Cloud, System Center 2012	Testprep Exams
TestPrep 300-135 Troubleshooting and Maintaining Cisco IP Networks (TSHOOT)	Testprep Exams
TestPrep 300-208 Implementing Cisco Secure Access Solutions (SISAS)	Testprep Exams
TestPrep CAS-002 CompTIA Advanced Security Practitioner	Testprep Exams
TestPrep 300-209 Implementing Cisco Secure Mobility Solutions (SIMOS)	Testprep Exams
TestPrep Certified Information Systems Security Professional (CISSP)	Testprep Exams
TestPrep 98-367 Microsoft Security Fundamentals	Testprep Exams
TestPrep Systems Security Certified Practitioner (SSCP)	Testprep Exams
TestPrep 98-369 Cloud Fundamentals	Testprep Exams
TestPrep 210-060 Implementing Cisco Collaboration Devices (CICD)	Testprep Exams
TestPrep 210-065 Implementing Cisco Video Network Devices (CICD)	Testprep Exams
TestPrep 210-260 Implementing Cisco Network Security (IINS)	Testprep Exams
TestPrep 200-355 Implementing Cisco Wireless Network Fundamentals (WIFUND)	Testprep Exams
TestPrep 300-075 Implementing Cisco IP Telephony & Video, Part 2 (CIPTV2)	Testprep Exams
TestPrep 300-070 Implementing Cisco IP Telephony & Video, Part 1 (CIPTV1)	Testprep Exams
TestPrep 210-451 Understanding Cisco Cloud Fundamentals (CLDFND)	Testprep Exams
TestPrep 200-310 Designing for Cisco Internetwork Solutions (DESGN)	Testprep Exams

IT SKILLS COURSEWARE

TestPrep JN0-102 JNCIA-Junos	Testprep Exams
TestPrep 640-875 Building Cisco Service Provider, Part 1 (SPNGN1)	Testprep Exams
TestPrep 100-105 Interconnecting Cisco Networking Devices Part 1 (ICND1)	Testprep Exams
TestPrep 200-125 CCNA Routing and Switching	Testprep Exams
TestPrep 200-105 Interconnecting Cisco Networking Devices Part 2 (ICND2)	Testprep Exams

ENTERPRISE DATABASE SYSTEMS

ORACLE 12C

■ Oracle Database 12c: New Features for Administrators

Oracle Database 12c: Enterprise Manager Cloud Control (Update Avail.)	Course
Oracle Database 12c: Managing CDB and PDB, and Data Optimization (Update Avail.)	Course
Oracle Database 12c: Using Automatic Data Optimization (Update Avail.)	Course
Oracle Database 12c: Managing Security (Update Avail.)	Course
Oracle Database 12c: High Availability and Database Management (Update Avail.)	Course
Oracle Database 12c: Tuning SQL and Using ADDM (Update Avail.)	Course
Oracle Database 12c: Resource Manager and ADR (Update Avail.)	Course
Oracle Database 12c: Transporting Databases and Managing Data (Update Avail.)	Course
Oracle Database 12c: Enterprise Manager Cloud Control and Creating CDB and PDB	Course
Oracle Database 12c: Managing CDB and PDB, and Data Optimization	Course

Oracle Database 12c: Using Automatic Data Optimization, Storage, and Archiving	Course
Oracle Database 12c: Managing Security	Course
Oracle Database 12c: High Availability and Database Management	Course
Oracle Database 12c: Tuning SQL and Using ADDM	Course
Oracle Database 12c: Resource Manager, Online Operations, and ADR	Course
Oracle Database 12c: Transporting Databases and Managing Data	Course

■ Oracle Database 12c: Install and Upgrade

Oracle Database 12c – Install and Upgrade: Database Architecture (Update Avail.)	Course
Oracle Database 12c – Install and Upgrade: Installation (Update Avail.)	Course
Oracle Database 12c – Install and Upgrade: Upgrading (Update Avail.)	Course
Oracle Database 12c – Install and Upgrade: Database Architecture	Course
Oracle Database 12c – Install and Upgrade: Installation	Course
Oracle Database 12c – Install and Upgrade: Upgrading	Course

■ Oracle Database 12c: Administration

Oracle Database 12c - Administration: Database Architecture and Management Tools	Course
Oracle Database 12c – Administration: Manage the Database Instance	Course
Oracle Database 12c – Administration: The Network Environment and User Security	Course
Oracle Database 12c – Administration: Storage structures and Undo Data	Course
Oracle Database 12c – Administration: Data Concurrency and Auditing	Course

IT SKILLS COURSEWARE

Oracle Database 12c – Administration: Backup, Recover, and Move Data
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Oracle Database 12c – Administration: Maintenance and Performance Tuning
..... Course

Oracle Database 12c – Administration: Resource Manager, Scheduler, and Support
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■ Oracle Database 12c: Backup and Recovery

Oracle Database 12c - Backup and Recovery: Configuring for Recoverability
..... Course

Oracle Database 12c - Backup and Recovery: Performing and Managing Backups
..... Course

Oracle Database 12c - Backup and Recovery: Failure and Recovery Concepts
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Oracle Database 12c - Backup and Recovery: Perform Recovery and Secure Backup
..... Course

Oracle Database 12c - Backup and Recovery: Using Flashback Technologies
..... Course

Oracle Database 12c - Backup and Recovery: Transporting Data and Performing PITR
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Oracle Database 12c - Backup and Recovery: Duplicating Databases and Tuning RMAN
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■ Oracle Database: 12c Administration Ed 2

Managing an Oracle Database 12c Instance
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Connectivity and Space Management in Oracle Database 12c
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User Security and Auditing in Oracle Database 12c
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Backing Up, Recovering, Importing, and Exporting Data in Oracle Database 12c
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Database Maintenance and Performance Tuning in Oracle Database 12c
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SQL Tuning, Resource Management, and Job Scheduling in Oracle Database 12c
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■ Oracle Database 12c: Introduction to SQL

Oracle Database 12c - Introduction to SQL: Relational Database and SQL Developer
..... Course

Oracle Database 12c - Introduction to SQL: SQL*Plus and SELECT Statement
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Oracle Database 12c - Introduction to SQL: Restrict, Sort, and Customize Output
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Oracle Database 12c - Introduction to SQL: Data Conversion and Aggregating Data
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Oracle Database 12c - Introduction to SQL: Working with Joins and Subqueries
..... Course

Oracle Database 12c - Introduction to SQL: Data Manipulation Language
..... Course

Oracle Database 12c - Introduction to SQL: Working with SET Operators and DDL
..... Course

■ Oracle Database 12c: Performance Tuning

Oracle 12c Performance Tuning: Introduction
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Oracle 12c Performance Tuning: Automatic Workload Repository
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Oracle 12c Performance Tuning: Metrics and Monitoring
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Oracle 12c Performance Tuning: Application Monitoring and SQL Diagnostics
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Oracle 12c Performance Tuning: Tuning Problem SQL Statements
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Oracle 12c Performance Tuning: Measuring and Maintaining SQL Performance
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Oracle 12c Performance Tuning: Tuning Instance Memory
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Oracle 12c Performance Tuning: Performance Tuning Summary
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IT SKILLS COURSEWARE

■ Oracle Database 12c: RAC Administration

Oracle Database 12c RAC Administration: Introduction to Oracle RAC Course
Oracle Database 12c RAC Administration: Installing, Configuring, and Patching	..... Course
Oracle Database 12c RAC Administration: Day-to-Day Administration	..... Course
Oracle Database 12c RAC Administration: Backup and Recovery	..... Course
Oracle Database 12c RAC Administration: Global Resource Management	..... Course
Oracle Database 12c RAC Administration: Monitoring and Tuning	..... Course
Oracle Database 12c RAC Administration: Client Connections and QoS	..... Course
Oracle Database 12c RAC Administration: Services and Multitenant Architecture	..... Course

ENTERPRISE DATABASE SYSTEMS

ORACLE 11G

■ Oracle Database 11g: SQL Tuning

Oracle Database 11g: Architecture, SQL Tuning, and Optimization	..... Course
Oracle Database 11g: Indexes, Access Paths, and Join Operations	..... Course
Oracle Database 11g: Execution Plans and Star Transformations	..... Course
Oracle Database 11g: Optimizer Statistics, Hints, and Cursor Sharing	..... Course
Oracle Database 11g: Application Tracing and Automatic SQL Tuning	..... Course

■ Oracle Database 11g: Secure Backup

Oracle Database 11g: Configuring OSB and Security Course
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Oracle Database 11g: Securing Domain and Data in Oracle Secure Backup Course
Oracle Database 11g: RMAN and Oracle Secure Backup	..... Course
Oracle Database 11g: Managing Backups and Infrastructure	..... Course
Oracle Database 11g: Tape Vaulting, Duplication, and Tuning	..... Course

■ Oracle Database 11g: RAC Administration

Oracle Database 11g: Installation of Clusterware and RAC	..... Course
Oracle Database 11g: RAC Database and Oracle Clusterware Administration	..... Course
Oracle Database 11g: RAC Performance Tuning	..... Course
Oracle Database 11g: Configure, Manage, and Use Services in RAC	..... Course
Oracle Database 11g: Diagnosing Oracle Clusterware and Node Management	..... Course
Oracle Database 11g: High Availability in RAC	..... Course

■ Oracle Database 11g: Security

Oracle Database 11g: Introduction to Database Security and Solutions	..... Course
Oracle Database 11g: Database Security	..... Course
Oracle Database 11g: Database Auditing	..... Course
Oracle Database 11g: Basic User and Strong Authentication	..... Course
Oracle Database 11g: Enterprise User Security and Proxy Authentication	..... Course
Oracle Database 11g: Privileges, Roles, and Application Contexts	..... Course
Oracle Database 11g: Virtual Private Database	..... Course
Oracle Database 11g: Oracle Label Security and the Data Masking Pack	..... Course

IT SKILLS COURSEWARE

Oracle Database 11g: Encryption Concepts	Course
Oracle Database 11g: Transparent Data Encryption	Course
Oracle Database 11g: Oracle Net Services and Listener Security	Course
Oracle Database 11g: Firewalls, Oracle Connection Manager, and SQL*Plus Security	Course

■ Oracle Database 11g: New Features for Administrators Release 2

Oracle Database 11g Release 2: Installation and Oracle Restart	Course
Oracle Database 11g Release 2: ASM, Storage and Partitioning Enhancements	Course
Oracle Database 11g Release 2: Oracle Partitioning and Security Features	Course
Oracle Database 11g Release 2: Using Change Management Solutions	Course
Oracle Database 11g Release 2: Intelligent Infrastructure Enhancements	Course
Oracle Database 11g Release 2: Diagnosability Enhancements	Course
Oracle Database 11g Release 2: SQL Monitoring and Performance Enhancements	Course
Oracle Database 11g Release 2: Application Performance Enhancements	Course
Oracle Database 11g Release 2: Backup, Recover, Archive, and Repair Data	Course
Oracle Database 11g Release 2: Oracle Scheduler and Secure Backup	Course

■ Oracle Database 11g: Administration Workshop I Release 2

Oracle Database 11g Release 2: Database Architecture and Installation	Course
Oracle Database 11g Release 2: Database Creation and Instance Management	Course

Oracle Database 11g Release 2: The ASM Instance and Network Connectivity	Course
Oracle Database 11g Release 2: Storage Structures and User Security	Course
Oracle Database 11g Release 2: Managing Concurrency, Undo, and Auditing	Course
Oracle Database 11g Release 2: Managing Database Maintenance and Performance	Course
Oracle Database 11g Release 2: Backup and Recovery	Course
Oracle Database 11g Release 2: Moving Data and Oracle Support	Course

■ Oracle Database 11g: Administration Workshop II Release 2

Oracle Database 11g Release 2: Database Architecture and Recovery Operations	Course
Oracle Database 11g Release 2: The RMAN Catalog and Creating Backups	Course
Oracle Database 11g Release 2: Performing Restore and Recovery Tasks	Course
Oracle Database 11g Release 2: Using, Monitoring and Tuning RMAN	Course
Oracle Database 11g Release 2: Database Diagnostics and Flashback Technologies	Course
Oracle Database 11g Release 2: Managing Database Memory and Performance	Course
Oracle Database 11g Release 2: Managing Database Resources and the Scheduler	Course
Oracle Database 11g Release 2: Managing Database Space and Duplication	Course

■ Oracle SOA Suite 11g

Oracle SOA Suite 11g: Introduction to SOA	Course
Oracle SOA Suite 11g: SOA Governance and Service Design	Course
Oracle SOA Suite 11g: SOA Composite Applications	Course

IT SKILLS COURSEWARE

Oracle SOA Suite 11g: Mediator and BPEL Components	Course
Oracle SOA Suite 11g: Human Task and Business Rules Components	Course
Oracle SOA Suite 11g: SOA Security and Adoption Planning	Course

ENTERPRISE DATABASE SYSTEMS

ORACLE ATG

■ Oracle Commerce: Platform Fundamentals

Oracle Commerce Application Structure and Deployment	Course
Building Simple Applications	Course
Data Models and JSP	Course
Using the Repository	Course
Core Commerce and the Product Catalog	Course
Form Handling with Pipelines and REST	Course
Advanced Configuration Options	Course
Extending Oracle Commerce Applications	Course

ENTERPRISE DATABASE SYSTEMS

MICROSOFT SQL SERVER 2016

■ Microsoft SQL Server 2016 First Look

Microsoft SQL Server 2016 First Look: Preview	Course
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■ Microsoft SQL Server 2016: Administering

Microsoft SQL Server 2016: Encryption	Course
Microsoft SQL Server 2016: Data Access and Permissions	Course

Microsoft SQL Server 2016: Auditing	Course
Microsoft SQL Server 2016: Backing Up Databases	Course
Microsoft SQL Server 2016: Restoring Databases	Course
Microsoft SQL Server 2016: Managing Database Integrity	Course
Microsoft SQL Server 2016: Monitoring Database Activity and Queries	Course
Microsoft SQL Server 2016: Monitoring SQL Server Instances	Course
Microsoft SQL Server 2016: Managing Indexes and Statistics	Course
Microsoft SQL Server 2016: High Availability and Disaster Recovery	Course

■ Microsoft SQL Server 2016: Developing

SQL Server 2016 Database Objects	Course
SQL Server 2016 Indexes and Views	Course
Columnstore Indexes	Course
Programmability Objects	Course
Triggers and Functions	Course
Transactions and Isolation Levels	Course
Managing Database Concurrency	Course
Optimize SQL Database Objects and Infrastructure	Course
Database Instances	Course
Performance Tuning	Course

■ Microsoft SQL Server 2016: Provisioning

Components of a SQL Server 2016 Installation	Course
Installing and Upgrading SQL Server 2016	Course
SQL Server Virtual Machines on Azure	Course

IT SKILLS COURSEWARE

SQL Server Instances and Storage Considerations	Course
Microsoft Azure SQL Database Security	Course
Azure SQL Database Encryption	Course
SQL Server Performance Settings	Course
Deploying Applications to Microsoft Azure SQL Databases	Course
Azure Virtual Machines	Course
Migrating Client Applications	Course

■ Microsoft SQL Server 2016: Querying

T-SQL Querying	Course
Querying and Manipulating Data	Course
Filter and Modify Data in SQL Server 2016	Course
Using Functions in SQL Server 2016	Course
Aggregating Data in SQL Server 2016	Course
Subqueries and Predicate	Course
Operators and Expressions in SQL Server 2016	Course
Database Programmability Objects and Non-Relational Data	Course

ENTERPRISE DATABASE SYSTEMS

MICROSOFT SQL SERVER 2014

■ Microsoft SQL Server 2014: Designing Database Solutions

Microsoft SQL Server 2014 - Designing Solutions: Planning Infrastructure	Course
Microsoft SQL Server 2014 - Designing Solutions: Private Clouds	Course
Microsoft SQL Server 2014 - Designing Solutions: Windows Azure SQL Database	Course

Microsoft SQL Server 2014 - Designing Solutions: High Availability	Course
Microsoft SQL Server 2014 - Designing Solutions: Clustering and AlwaysOn	Course
Microsoft SQL Server 2014 - Designing Solutions: Backup and Recovery	Course

■ Microsoft SQL Server 2014: Designing Business Intelligence Solutions

Microsoft SQL Server 2014 - Designing BI Solutions: BI Infrastructure Design	Course
Microsoft SQL Server 2014 - Designing BI Solutions: Extract, Transform, and Load	Course
Microsoft SQL Server 2014 - Designing BI Solutions: Data Models	Course
Microsoft SQL Server 2014 - Designing BI Solutions: Reporting Services	Course
Microsoft SQL Server 2014 - Designing BI Solutions: SharePoint Integration	Course
Microsoft SQL Server 2014 - Designing BI Solutions: MDX Queries and Performance	Course
Microsoft SQL Server 2014 - Designing BI Solutions: Availability and Recovery	Course

■ Microsoft SQL Server 2014: Implementing Data Models and Reports

Microsoft SQL Server 2014: Design and Install Analysis Services and Tools	Course
Microsoft SQL Server 2014: Designing Multidimensional Models and Data Sources	Course
Microsoft SQL Server: Implement and Configure Cubes	Course
Microsoft SQL Server 2014: Design and Implement Dimensions	Course
Microsoft SQL Server: Implement Partitions and Custom Logic	Course

IT SKILLS COURSEWARE

Microsoft SQL Server 2014: MDX Queries, Process Models, and Deploy Databases	Course
Microsoft SQL Server 2014: Manage, Maintain, and Troubleshoot SSAS	Course
Microsoft SQL Server 2014: Create and Manage Tabular Data Models	Course
Microsoft SQL Server 2014: Design Reports and Create Data Sources and Datasets	Course
Microsoft SQL Server 2014: Report Formatting and Interactivity	Course
Microsoft SQL Server 2014: Manage Reporting Services	Course
Microsoft SQL Server 2014: Process Report and Create Subscriptions and Schedules	Course

■ Microsoft SQL Server 2014: Implementing a Data Warehouse

Designing and Implementing Dimensions	Course
Designing a Fact Table	Course
Connection Managers and Data Sources	Course
Designing Data Flow	Course
Data Flow Implementation	Course
SSIS Package Execution and Script Tasks	Course
Designing Control Flow	Course
Implementing Control Flow	Course
SSIS Variables	Course
SSIS Packages	Course
Data Load Options	Course
Script Components	Course
SSIS Components	Course
Auditing, Logging, and Event Handling	Course

Troubleshooting Data Integration	Course
SSIS Solutions	Course
SSIS Security	Course
Data Quality Services (DQS) and Master Data Services (MDS)	Course
Data Quality Projects	Course

ENTERPRISE DATABASE SYSTEMS

SYSTEMS AND DATABASE DESIGN

■ Generic Database Fundamentals

Generic Database Fundamentals: Architecture and Normalization Concepts	Course
Generic Database Fundamentals: Relation Algebra, SQL, and Concurrency Concepts	Course

■ Generic Design and Modeling Databases

Generic Design and Modeling Databases: Concepts and Conceptual Design	Course
Generic Design and Modeling Databases: Logical and Physical Design	Course

ENTERPRISE DATABASE SYSTEMS

MICROSOFT SQL SERVER 2012

■ Microsoft SQL Server 2012: Querying

Microsoft SQL Server 2012: Creating Database Objects	Course
Microsoft SQL Server 2012: Querying Basics and Modifying Data	Course
Microsoft SQL Server 2012: Manipulate Data Using Operators and Functions	Course
Microsoft SQL Server 2012: Creating Functions and Triggers	Course

IT SKILLS COURSEWARE

Microsoft SQL Server 2012: Creating Programming Objects and Optimizing Queries Course

Microsoft SQL Server 2012: Managing XML Data Course

■ Microsoft SQL Server: Developing Databases

SQL Server 2012 – Developing Databases: Implementing Tables (Update Avail.) Course

SQL Server 2012 – Developing Databases: Implementing Indexes (Update Avail.) Course

SQL Server 2012 – Developing Databases: Stored Procedures (Update Avail.) Course

SQL Server 2012 – Developing Databases: CLR Integration (Update Avail.) Course

SQL Server 2012 – Developing Databases: Working with Data (Update Avail.) Course

SQL Server 2012 – Developing Databases: Working with XML Data (Update Avail.) Course

SQL Server 2012 – Developing Databases: Optimizing Queries (Update Avail.) Course

SQL Server 2012 – Developing Databases: Troubleshooting (Update Avail.) Course

Microsoft SQL Server 2014 - Developing Databases: New Features Course

Microsoft SQL Server 2012 – Developing Databases: Implementing Tables and Views Course

Microsoft SQL Server 2012 – Developing Databases: Implementing Indexes Course

Microsoft SQL Server 2012 – Developing Databases: Stored Procedures Course

Microsoft SQL Server 2012 – Developing Databases: CLR Integration Course

Microsoft SQL Server 2012 – Developing Databases: Working with Data Course

Microsoft SQL Server 2012 – Developing Databases: Working with XML Data Course

Microsoft SQL Server 2012 – Developing Databases: Tuning and Optimizing Queries Course

Microsoft SQL Server 2012 – Developing Databases: Managing and Troubleshooting Course

■ Microsoft SQL Server 2012: Implementing a Data Warehouse

Microsoft SQL Server 2012 – Implementing a Data Warehouse: Design and Deployment Course

Microsoft SQL Server 2012 – Implementing a Data Warehouse: Create Basic Packages Course

Microsoft SQL Server 2012 – Implementing a Data Warehouse: ETL Solutions Course

Microsoft SQL Server 2012 – Implementing a Data Warehouse: Enhancing Packages Course

Microsoft SQL Server 2012 – Implementing a Data Warehouse: Custom Components Course

Microsoft SQL Server 2012 – Implementing a Data Warehouse: Installing SSIS Course

Microsoft SQL Server 2012 – Implementing a Data Warehouse: Troubleshooting Course

Microsoft SQL Server 2012 – Implementing a Data Warehouse: DQS and MDS Solutions Course

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ENTERPRISE DATABASE SYSTEMS

SQL

■ Introduction to SQL

Introduction to SQL Course

Introduction to SQL: Managing Table Design Course

Introduction to SQL: Multiple Tables and Advanced Queries Course

Introduction to SQL: Views, Transactions, and SQL Security Architecture Course

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ENTERPRISE DATABASE SYSTEMS

MYSQL

■ MySQL Essentials

MySQL: Database Concepts, Design, and Installation	Course
MySQL: Querying Data Using the SELECT Statement	Course
MySQL: Using the Data Manipulation and Definition Statements	Course
MySQL: General Syntax, Advanced Queries, and Stored Programs	Course
MySQL: Advanced Routines, Optimization, and DCL	Course
MySQL: Storage Engines, Advanced Indexing, and Maintenance	Course
MySQL: Administration, Transactions, Optimization, Scaling, Backup, and Recovery	Course
MySQL: Performance Monitoring, Database Health and Integrity, and Security	Course

ENTERPRISE DATABASE SYSTEMS

BIG DATA

■ Big Data Fundamentals

The Big Data Technology Wave	Course
Big Data Opportunities and Challenges	Course

■ Apache Spark Fundamentals

Programming and Deploying Apache Spark Applications	Course
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■ Apache Hadoop and MapReduce Essentials

Apache Hadoop	Course
MapReduce Essentials	Course

■ Hadoop Ecosystem

Ecosystem for Hadoop	Course
Installation of Hadoop	Course
Data Repository with HDFS and HBase	Course
Data Repository with Flume	Course
Data Repository with Sqoop	Course
Data Refinery with YARN and MapReduce	Course
Data Factory with Hive	Course
Data Factory with Pig	Course
Data Factory with Oozie and Hue	Course
Data Flow for the Hadoop Ecosystem	Course

■ Hadoop Operations

Designing Hadoop Clusters	Course
Hadoop in the Cloud	Course
Deploying Hadoop Clusters	Course
Hadoop Cluster Availability	Course
Securing Hadoop Clusters	Course
Operating Hadoop Clusters	Course
Stabilizing Hadoop Clusters	Course
Capacity Management for Hadoop Clusters	Course
Performance Tuning of Hadoop Clusters	Course
Cloudera Manager and Hadoop Clusters	Course

■ Big Data – The Corporate Leadership Perspective

Big Data Corporate Leadership Perspective	Course
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IT SKILLS COURSEWARE

■ Big Data – The Engineering Perspective

Big Data Engineering Perspectives
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■ Big Data – The Legal Perspective

Big Data - The Legal Perspective
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■ Big Data - The Marketing Perspective

Big Data Marketing Perspective
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■ Big Data – The Strategic Planning Perspective

Big Data Strategic Planning
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■ Big Data – The Sales Perspective

Big Data Sales Perspective
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■ Apache Spark Advanced Topics

Spark Core
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Spark Streaming
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MLlib, GraphX, and R
..... Course

■ Apache Kafka

Apache Kafka Operations
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Apache Kafka Development
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Kafka Integration with Spark
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Kafka Integration with Storm
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Clustering
..... Course

Real-time Applications
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■ Apache Storm Introduction

Apache Storm Introduction – Architecture and Installation
..... Course

Apache Storm Introduction - API and Topology
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■ IBM BigInsights Fundamentals

IBM BigInsights Fundamentals: Hadoop Solution
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IBM BigInsights Fundamentals: Analyzing, Querying, and Extracting Big Data
..... Course

■ Apache Solr Essentials

Apache Solr – Deployment and Configuration
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Apache Solr - Query and Data Management
..... Course

■ Big Data Operations

Managing Big Data Operations
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Quality and Security of Big Data Operations
..... Course

■ Data Modeling for Hadoop

Introduction to Hadoop
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Introduction to Data Modeling in Hadoop
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■ Big Data Development with Apache Spark

Introduction to Apache Spark
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Apache Spark SQL
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ENTERPRISE DATABASE SYSTEMS

BUSINESS INTELLIGENCE

IT SKILLS COURSEWARE

■ Microsoft SQL Server Data Warehousing and Business Intelligence Introduction

Microsoft SQL Server Data Warehousing and Business Intelligence Overview
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■ Business Intelligence with QlikView

Business Intelligence with QlikView
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Data Modeling
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Macros and Properties
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Data Governance and Metadata Management
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Dashboards and Comparative Analysis
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Scripting and Designing
..... Course
Application Deployment and Performance
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Server
..... Course

■ Business Intelligence with TIBCO Spotfire

Spotfire Basics
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Spotfire Visualizations and Relationships
..... Course
Diving into the World of Spotfire
..... Course
Spotfire Automation, Analyzation, and Visualization
..... Course
More Spotfire Visualization Techniques
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Spotfire Data Combinations
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Scripting with Spotfire
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Complex Visualizations and Analytics
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Advanced TIBCO Spotfire
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ENTERPRISE DATABASE SYSTEMS

DATA VISUALIZATION

■ Data Visualization with Tableau

Tableau Visualization
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Tableau Charts, Maps, and Dashboards
..... Course

■ Data Visualization Essentials

Data Visualization: Essentials
..... Course

■ Data Analytics with Microsoft Power BI

Data Analytics using Power BI: Concepts
..... Course
Data Analytics Using Power BI: Data Sourcing and Preparation
..... Course
Data Analytics Using Power BI: Data Modeling and Visualization
..... Course

■ Data Visualization and Analytics with Tableau

Tableau Interface and Sharing
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Tableau Visualization Design
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Tableau Charts
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Tableau Data Connections
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Tableau Dashboards and Data Organization
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Tableau Time Dimensions
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Tableau Maps
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Tableau Advanced Visualizations
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Tableau Calculations
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Tableau Scripting
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ENTERPRISE DATABASE SYSTEMS

DATA SCIENCE

IT SKILLS COURSEWARE

■ Data Science Fundamentals in R

Fundamental Methods for Data Science in R	Course
Machine Learning Examples for Data Science in R	Course

■ Data Science Essentials

Data Science Overview	Course
Data Gathering	Course
Data Filtering	Course
Data Transformation	Course
Data Exploration	Course
Data Integration	Course
Data Analysis Concepts	Course
Data Classification and Machine Learning	Course
Data Communication and Visualization	Course

■ Data Science Using R

Data Wrangling in R	Course
Debugging in R	Course
Programming Techniques in R	Course
Domain-Specific Tools in R	Course

■ Analyzing Big Data with Microsoft R

Getting Started with Microsoft R	Course
Packages and Data Types	Course

ENTERPRISE DATABASE SYSTEMS

NO SQL

■ NoSQL

NoSQL Concepts and Background	Course
NoSQL Models and Applications	Course
Programming with NoSQL	Course
In Depth with NoSQL	Course

■ MongoDB

Installing MongoDB	Course
MongoDB: Indexing, Replication, and Security	Course

■ MongoDB Development

MongoDB: Installation Overview	Course
MongoDB: Write, Read, and Aggregate Data	Course
MongoDB: Indexes and Query Optimization	Course
Replication and Security	Course
MongoDB: Map Reduce, Atomic Counters, and Binary Data	Course
MongoDB: Java REST and GridFS	Course
User Management	Course
MongoDB: System Management	Course
MongoDB: Cloud and Hadoop Deployments	Course
MongoDB: Backups, Monitoring, and Stats	Course
Java ASYNC Interface	Course
MongoDB: Integration with Python	Course
MongoDB: Integration with Spark	Course

■ RavenDB Fundamentals

RavenDB Overview	Course
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IT SKILLS COURSEWARE

RavenDB Integration Course

■ Apache Cassandra

An Overview of Apache Cassandra Course

■ Apache HBase Fundamentals

Apache HBase Fundamentals: Installation, Architecture, and Data Modeling Course

Apache HBase Fundamentals: Access Data through the Shell and Client API Course

Apache HBase Fundamentals: Advanced API, Administration, and MapReduce Course

■ Cassandra for SQL Developers

Cassandra vs. SQL Course

Working with Cassandra Course

ENTERPRISE DATABASE SYSTEMS

DATABASE FUNDAMENTALS

■ Database Fundamentals

SQL Server Database Fundamentals: Design Principles and Data Manipulation Course

SQL Server Database Fundamentals: Creating, Optimizing, and Securing Databases Course

ENTERPRISE DATABASE SYSTEMS

DATA MANAGEMENT

■ Predictive Analytics

Predictive Analytics & Big Data Course

Process & Application Course

Key Statistical Concepts Course

Correlation & Regression Course

Data Collection & Exploration Course

Data Mining, Data Distributions, & Hypothesis Testing Course

Data Preprocessing Course

Data Reduction & Exploratory Data Analysis (EDA) Course

K-Nearest Neighbor (k-NN) & Artificial Neural Networks Course

A/B Testing, Bayesian Networks, and Support Vector Machine Course

Clustering Techniques Course

Linear and Logical Regression Course

Text Mining & Social Network Analysis Course

Time Series Modeling Course

Machine Learning, Propensity Score, & Segmentation Modeling Course

Random Forests & Uplift Models Course

Model Life Cycle Management Course

Model Development, Validation, & Evaluation Course

ENTERPRISE DATABASE SYSTEMS

OPERATIONAL INTELLIGENCE

■ Operational Intelligence Fundamentals with Splunk

Splunk Fundamentals Course

Using Your Data with Splunk Course

Splunk Administration Course

Splunk Visualizations and Dashboards Course

Indexers, Clusters, and Advanced Search Course

IT SKILLS COURSEWARE

ENTERPRISE DATABASE SYSTEMS

POSTGRES SQL

■ PostgreSQL: Getting Started

PostgreSQL Database Fundamentals Part #1	..... Course
PostgreSQL Database Fundamentals Part #2	..... Course

ENTERPRISE DATABASE SYSTEMS

TERADATA SQL

■ Teradata Basics

Teradata Basics: Relational Database and Data Warehouse Basics	..... Course
Teradata Basics: Communication and Database Security	..... Course
Teradata Basics: Data Storage and Access Methods	..... Course

■ Teradata SQL

Teradata SQL: The SELECT Statement, Joins, and Subqueries	..... Course
Teradata SQL: Functions, Data Conversions, and Working with Time	..... Course
Teradata SQL: DDL, DML, and SQL Optimization	..... Course

ENTERPRISE DATABASE SYSTEMS

SAS

■ Base SAS 9 Programming

Base SAS 9 Programming: The SAS Environment	..... Course
Base SAS 9 Programming: Introduction to Data Sets	..... Course
Base SAS 9 Programming: Working with Data Sets	..... Course
Base SAS 9 Programming: Creating Reports	..... Course

Base SAS 9 Programming: Inputs and Outputs	..... Course
Base SAS 9 Programming: Data Structures	..... Course

ENTERPRISE DATABASE SYSTEMS

BLOCKCHAIN

■ Essentials of Blockchain

Introduction to Digital Currency	..... Course
The Basics of Blockchain	..... Course
Bitcoin Technology Fundamentals	..... Course
Working with Bitcoin	..... Course

ENTERPRISE DATABASE SYSTEMS

DATA INTEGRATION

■ Talend Data Integration

Getting Started with the Software and Integrating Data	..... Course
Working with Data Mapping, Jobs, and Automation	..... Course

ENTERPRISE DATABASE SYSTEMS

MENTORING ASSETS

■ Mentoring Assets

Mentoring 70-462 Administering Microsoft SQL Server 2012 Databases	..... Mentoring Assets
Mentoring 98-364 Database Fundamentals	..... Mentoring Assets

ENTERPRISE DATABASE SYSTEMS

TEST PREPS

IT SKILLS COURSEWARE

■ Test Preps

TestPrep 1Z0-052 Oracle Database 11g: Administration I	.....	Testprep Exams
TestPrep 1Z0-053 Oracle Database 11g: Administration II	.....	Testprep Exams
TestPrep 70-462 Administering Microsoft SQL Server 2012/2014 Databases	.....	Testprep Exams
TestPrep 70-461 Querying Microsoft SQL Server 2012/2014	.....	Testprep Exams
TestPrep 70-463 Implementing a Data Warehouse with SQL Server 2012/2014	.....	Testprep Exams
TestPrep 70-464 Developing Microsoft SQL Server Databases	.....	Testprep Exams
TestPrep 1Z0-060 Upgrade to Oracle Database 12c	.....	Testprep Exams
TestPrep 70-413 Designing and Implementing a Server Infrastructure	.....	Testprep Exams
TestPrep 1Z0-062 Oracle Database 12c: Installation and Administration	.....	Testprep Exams
TestPrep 1Z0-061 Oracle Database 12c: SQL Fundamentals	.....	Testprep Exams

WEB DESIGN SOLUTION AREA

ADOBE

■ Adobe AIR 3

Adobe Air 3 for Flash CS5.5 Developers	Course
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■ Adobe InDesign CS5

Adobe InDesign CS5: Fundamentals	Course
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■ Adobe Reader X

Adobe Reader X	Course
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■ Adobe ColdFusion 10

Adobe ColdFusion 10 Fundamentals	Course
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■ Adobe Captivate 9 Fundamentals

Adobe Captivate 9: Getting Started	Course
Adobe Captivate 9: Media and Recording	.....	Course
Adobe Captivate 9: Questions and Pools	.....	Course
Adobe Captivate 9: Publishing and Actions	.....	Course

■ Using Adobe Typekit

Getting Started with Typekit	.....	Course
Using Typekit Fonts on Web Sites	.....	Course

■ Adobe Edge Animate CC

Adobe Edge Animate CC: Exploring the Interface	.....	Course
Adobe Edge Animate CC: Creating and Animating Artwork	.....	Course
Adobe Edge Animate CC: Importing Artwork, Text Animation and Typeface Properties	.....	Course
Adobe Edge Animate CC: Transitions, Symbols, and Synchronizing Motion	.....	Course
Adobe Edge Animate CC: Interactive Compositions	.....	Course
Adobe Edge Animate CC: Publishing Compositions	.....	Course
Adobe Edge Animate CC: Working with Video and Audio	.....	Course

■ Adobe Captivate 8 Fundamentals

Adobe Captivate 8: Getting Started	.....	Course
Adobe Captivate 8: Media and Interactivity	.....	Course

IT SKILLS COURSEWARE

■ Adobe Dreamweaver CC

Adobe Dreamweaver CC 2015 Fundamentals	Course
Basic Coding with Adobe Dreamweaver CC 2015	Course
The Adobe Dreamweaver CC 2015 Interface	Course
Adobe Dreamweaver CC 2015 Browsers and HTML	Course
Adobe Dreamweaver CC 2015 Web Design	Course

■ Adobe Flash Professional CC

Adobe Flash Professional CC 2015 Fundamentals	Course
Drawing with Adobe Flash Professional CC 2015	Course
Adobe Flash Professional CC 2015 Tools	Course
Adobe Flash Professional CC 2015 Animations	Course
Adobe Flash Professional CC 2015 Programming	Course

■ Adobe Illustrator CC

Adobe Illustrator CC 2015 Introduction and New Features	Course
Adobe Illustrator CC 2015 Fundamentals	Course
Drawing in Adobe Illustrator CC 2015	Course
Working with Text in Adobe Illustrator CC 2015	Course
Adobe Illustrator CC 2015 Tools	Course
Adobe Illustrator CC 2015 Working with the Pen Tools and Objects	Course
Adobe Illustrator CC 2015 Gradients and Bitmap Images	Course
Adobe Illustrator CC 2015 Advanced Tools and Effects	Course

■ Adobe InDesign CC

Adobe InDesign CC 2015 Fundamentals	Course
Adobe InDesign CC 2015 Basic Navigation and Tools	Course

Working with Images and Exporting Files in Adobe InDesign CC 2015	Course
Working with Objects and Editing Tools in Adobe InDesign CC 2015	Course
Working with Text in Adobe InDesign CC 2015	Course
Working with Pages in Adobe InDesign CC 2015	Course

■ Adobe Premiere Elements 13

Adobe Premiere Elements 13 Essentials	Course
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■ Adobe Premiere Pro CC

Adobe Premiere Pro CC 2015 Fundamentals	Course
Adobe Premiere Pro CC 2015 Panels and Effects	Course
Adobe Premiere Pro CC 2015 Movies and Application Extensibility	Course

WEB DESIGN SOLUTION AREA

SCRIPTING AND WEB LANGUAGES

■ JavaScript - JsRender

JsRender Fundamentals	Course
Advanced JsRender Features	Course

■ JavaScript Single Page Apps

JavaScript SPA: Getting Started with SPA in Visual Studio 2013	Course
JavaScript SPA: SPA Views and Routes	Course
JavaScript SPA: Durandal Modules and Lifecycle events	Course
JavaScript SPA: Adding Views and Handling View Navigation in Durandal	Course
JavaScript SPA: Connecting to and Managing Data	Course
JavaScript SPA: Working with Rich Application Data	Course

IT SKILLS COURSEWARE

JavaScript SPA: Managing Application Data	Course
JavaScript SPA: Working With Validation	Course

■ Building Apps with jQuery Mobile

jQuery Mobile – App Basics, UI Controls and Navigation	Course
jQuery Mobile – Forms, Lists, Sets and Tables	Course
Optimizing jQuery Mobile Apps	Course
Integrating jQuery Mobile with PhoneGap	Course

■ Developing with Kendo UI

Kendo UI: Installation and Overview	Course
Kendo UI: HTML Helpers for ASP.NET MVC	Course
Kendo UI: Mobile API	Course

■ JavaScript - Ember.js

JavaScript - Ember.js Fundamentals	Course
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■ JavaScript - Knockout

Knockout Fundamentals	Course
Configuring Forms with Knockout	Course
Working with Knockout	Course
Advanced Knockout Techniques	Course

■ CSS3, Sass and Less

Creating Styles with CSS3 and Styling Text	Course
Styling Page Elements using CSS3	Course
Navigation Elements and Animations with CSS3	Course
Forms, Positioning, and Layout with CSS3	Course
Advanced Options, Responsive Web Design, and Management with CSS3	Course

Extending CSS3 with Sass and Less	Course
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■ JavaScript Essentials

JavaScript Essentials: Getting Started	Course
JavaScript Essentials: Language Features	Course
JavaScript Essentials: JavaScript In Depth	Course
JavaScript Essentials: Basic Browser Interaction	Course
JavaScript Essentials: Date and Math Functions	Course
JavaScript Essentials: Working with Strings	Course
JavaScript Essentials: Working with Page Elements	Course
JavaScript Essentials: Dynamic Content and HTML5	Course
JavaScript Essentials: Dynamic JavaScript Code	Course
JavaScript Essentials: Input and the Mouse	Course

■ Introduction to Bootstrap

Bootstrap Introduction	Course
Bootstrap Elements	Course

■ jQuery

jQuery: Basic Setup and Features	Course
jQuery: Using Essential Features and Functions	Course
jQuery: Advanced Features and Functions	Course

■ JavaScript Sencha

JavaScript Sencha: Ext JS	Course
JavaScript Sencha: Sencha Touch	Course

■ TypeScript Essentials

TypeScript Essentials: Getting Started	Course
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IT SKILLS COURSEWARE

TypeScript Essentials: Advanced TypeScript
..... Course

AngularUI Utilities and Modules
..... Course

■ Underscore.js

Underscore.js: Collection Functions and Function
Functions
..... Course

Underscore.js: Array, Object, and Utility Functions
..... Course

■ Automating Tasks with Grunt

Installing and Using Grunt
..... Course

Graphics, Web Hosting and Grunt Performance
..... Course

■ Javascript: Backbone.js

Getting Started with Backbone.js
..... Course

Complex Application Development with Backbone.js
..... Course

■ AngularJS 2.0

Creating a Basic Angular Application
..... Course

Angular 2 Template Syntax, Directives, and Pipes
..... Course

Creating and Maintaining Forms
..... Course

Client-side Routing and Using HTTP
..... Course

Using Animation and Supporting Mobile Devices
..... Course

Testing Angular Apps
..... Course

Angular Security and the Angular CLI
..... Course

■ Building Web Applications with Node.js

Node.js Fundamentals
..... Course

Node.js: Files, Data Stores, Networked, and WebSocket
Applications
..... Course

Node.js: Express Applications and the MEAN Stack
..... Course

Optimizing and Securing Node.js Applications
..... Course

Node.js: Debugging, Testing, Deploying, and
Maintaining Node Applications
..... Course

■ AngularJS and ASP.NET 5 MVC 6

AngularJS and ASP.NET 5 MVC 6: Creating an SPA
..... Course

AngularJS and ASP.NET 5 MVC 6: Data Persistence,
Validation, and Security
..... Course

■ Application Development with Node.js and the .NET Framework

Working with Node.js and .NET
..... Course

Edge.js, Node.js, and ASP.NET MVC
..... Course

Azure, Node.js, and SQL Server
..... Course

■ AngularJS Fundamentals

Beginning AngularJS
..... Course

Introduction to Directives
..... Course

Controllers and Directives
..... Course

Services and Routing
..... Course

Testing AngularJS
..... Course

Animation and Internationalization
..... Course

■ Advanced AngularJS

Working with Data in AngularJS
..... Course

AngularJS Security Considerations
..... Course

AngularJS and TypeScript
..... Course

AngularUI Companion Frameworks
..... Course

IT SKILLS COURSEWARE

■ Building Apps with MEAN Stack

- Developing and Deploying Web Applications with MEAN.js Course
- Securing, Testing, and Deploying MEAN Applications Course

■ Express 4.x Fundamentals

- Introduction to Express Course
- Using Express and Express Middleware Course

■ Automating Web Development Tasks with Gulp.js

- Introducing Gulp.js to Web Development Course
- Web Building and Testing with Gulp.js Course

■ Using the LoopBack Node.js Framework

- Getting Started with LoopBack Course
- Advanced LoopBack Course

■ Advanced jQuery

- Helper Functions and Advanced Ajax Course
- Using and Creating Widgets Course
- Advanced Selecting, Theming, and Plugins Course

■ jQuery Essentials

- Introduction to jQuery Course
- Events, Manipulating Elements, and AJAX Course
- Common Widgets and Animation Course

■ JavaScript Frameworks and Libraries

- Introduction to Popular Frameworks Course
- Introduction to ReactJS and Grunt Course

- Web Application Libraries Course
- jQuery and TypeScript Course

■ Angular 4

- Angular 4: Creating an Application Course
- Angular 4: Components and Bindings Course
- Angular 4: Directives Course
- Angular 4: Pipes Course
- Angular 4: Form Management Course
- Angular 4: Model-driven Forms Course
- Angular 4: Routing Course
- Angular 4: Services, Promises, and Route Protection Course
- Angular 4: Animation Course
- Angular 4: NativeScript Course

■ Angular 5 Updates and Components

- Bootstrap and Dashboards with Angular 5 Course

WEB DESIGN SOLUTION AREA

WEB DEVELOPMENT

■ HTML5

- Introduction to HTML5 Course
- HTML5 Layout Course
- HTML5 Forms Course
- HTML5 APIs and Media Course
- HTML5 and CSS3 Course
- HTML5 Layout with CSS3 Course

IT SKILLS COURSEWARE

HTML5 and Advanced CSS3	Course
HTML5 and JavaScript	Course
HTML5 Graphics and Canvas	Course
Advanced HTML5	Course
Advanced Features of JavaScript, CSS3 and HTML5	Course

■ JSON Fundamentals

JSON Essentials	Course
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■ XML Essentials

XML Language Basics	Course
Manipulating XML with the XML DOM and Ajax	Course
XML Transformation Using XSLT and XSL-FO	Course
Querying XML Data with XPath and XQuery	Course
Web Services and XML	Course

WEB DESIGN SOLUTION AREA

WEB SERVICES

■ Apache Web Services

Fundamentals of Apache Web Services	Course
Apache Web Services Advanced	Course

■ REST API

REST API: Exploring the Basic Features	Course
REST API: Exploring the Advanced Features	Course

■ Apache Web Services with Tomcat

LAMP Overview and Deployment	Course
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The Apache Web Server Engine	Course
MySQL as a Datastore	Course
Configuring Tomcat and PHP	Course

WEB DESIGN SOLUTION AREA

WEB DESIGN

■ Responsive Web Design

Responsive Web Design: Flexible Grids, Images, and Media Queries	Course
Responsive Web Design: Flexible Data and UIs, Devices, Process and Performance	Course

■ Web Design Essentials

Web Design Basics	Course
Web Design Enhancements	Course

■ Using Balsamiq

Introduction to Balsamiq Mockups	Course
Working with Balsamiq Versions and Plugins	Course

■ Using Justinmind

Introduction to Justinmind	Course
The Justinmind Desktop Application Interface	Course
Creating and Simulating a Working Prototype	Course

■ Web Accessibility Fundamentals

Introduction to Web Accessibility	Course
OSs, Regulations, & Laws	Course
Authoring Tool Accessibility Guidelines	Course
Accessibility and Design	Course

IT SKILLS COURSEWARE

WEB DESIGN SOLUTION AREA

WEB APPLICATION FRAMEWORKS

■ Creating Web Applications with Sinatra

Sinatra Fundamentals	.....	Course
Working with Sinatra	.....	Course

■ Building Dynamic Web Sites with LAMP Stack

Creating a LAMP Stack	.....	Course
Building Dynamic Web Sites with MySQL and PHP	.....	Course

■ PHP Applications with the Zend Framework

Features of the Zend Framework	.....	Course
Databases and Advanced Features with the Zend 2 Framework	.....	Course

WEB DESIGN SOLUTION AREA

CONTENT MANAGEMENT SYSTEMS

■ Drupal 8

Drupal 8 First Look	Course
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■ WordPress

WordPress Introduction and Basic Configuration	Course
WordPress Networking and Security	Course
WordPress Advanced Themes and Administration	.....	Course

ENTERPRISE RESOURCE PLANNING SYSTEMS

SAP

■ SAP Business Suite 7 for End Users

SAP Enterprise Resource Planning (ERP)	.....	Course
SAP Customer Relationship Management (CRM)	.....	Course
SAP Product Lifecycle Management	.....	Course
SAP Supply Chain Management	.....	Course
SAP Supplier Relationship Management	.....	Course

■ SAP Business One for End Users

SAP Business One - Introduction for End Users	Course
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■ SAP Business Objects Business Intelligence

SAP BusinessObjects: Overview	Course
SAP BusinessObjects: Crystal Reports	.....	Course
SAP BusinessObjects: Web Intelligence	.....	Course
SAP BusinessObjects: Dashboards and Analytics	.....	Course
SAP BusinessObjects: InfoView	.....	Course
SAP BusinessObjects: Business Intelligence	.....	Course

ENTERPRISE RESOURCE PLANNING SYSTEMS

MICROSOFT DYNAMICS

■ Microsoft Dynamics CRM 2013: Applications

Application Skills in Microsoft Dynamics CRM 2013	.....	Course
Sales Automation in Microsoft Dynamics CRM 2013	.....	Course
Marketing Automation in Microsoft Dynamics CRM 2013	.....	Course
Customer Service Automation in Microsoft Dynamics CRM 2013	.....	Course

IT SKILLS COURSEWARE

■ Microsoft Dynamics CRM 2013: Customization and Configuration

Intermediate Programming in Force.com
..... Course

Microsoft Dynamics CRM 2013 - Customization and Configuration: Introduction
..... Course

Microsoft Dynamics CRM 2013 - Customization and Configuration: Entities
..... Course

Microsoft Dynamics CRM 2013 - Customization and Configuration: Relationships
..... Course

■ Business Intelligence with Microsoft Dynamics CRM 2013

Microsoft Dynamics CRM 2013: Forms, Marketing, Contacts, and Processes
..... Course

ENTERPRISE RESOURCE PLANNING SYSTEMS

TOGAF

■ TOGAF 9.1

TOGAF Fundamentals - Enterprise Architecture Basics
..... Course

TOGAF Fundamentals - Content Framework and Capability Basics
..... Course

TOGAF Fundamentals - Security and SOA Governance
..... Course

TOGAF Fundamentals - Architectural Artifacts and the Enterprise Continuum
..... Course

ENTERPRISE RESOURCE PLANNING SYSTEMS

SALESFORCE

■ Creating Employee Apps with Force.com

Creating Apps
..... Course

Reporting and User Management
..... Course

■ Developing Applications in Force.com

Basic Programming in Force.com
..... Course