The Fast Lane Cloud Computing Curriculum

Fast Lane is the only worldwide provider of Authorized vendor curricula from Cisco, NetApp and VMware. Because of this, we are uniquely positioned to help you gain the cross-vendor knowledge and skills you desire. We’ve combined the best sales and technical information from these three leading companies and added the key information developed by our outstanding team of Certified Instructors from around the globe to create a powerful curriculum to help you sell, prepare for and deploy the most important Data Center technologies.

We are developing more advanced cloud computing courses. Go to www.FastLaneUS.com/new-courses to find out what is coming soon. If you have a need – we want to hear from you – please email us at: newcourserequest@fastlaneus.com to tell us what you need.

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About Fast Lane

Fast Lane is a worldwide provider of advanced IT training. We deliver vendor-authorized courses from leading technology vendors, including Cisco, NetApp, VMware, and many others. Whether in single courses or in comprehensive programs, you will be taught by vendor-certified instructors who are experts in their field. Gain hands-on experience with complex technologies on one of the world’s largest remote lab environments. Whatever technology training challenge you face, Fast Lane can help. Contact us to learn more.

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The Fast Lane Cloud Computing Curriculum Framework

Fast Lane develops content with a purpose – to provide you with an experience that allows you to achieve your specific goals. We create a logical curriculum framework that makes it easy for you to determine the best courses to attend. These great courses combined with free on-line self-assessment exams on the Fast Lane Community Site (www.fastlane-community.com) help you optimize your investment of time and money while ensuring you are prepared for the anticipated work challenges. The two frameworks below describe the Fast Lane Cloud Computing Sales curriculum and the Fast Lane Cloud Computing Technical curriculum.

**SALES TRAINING FRAMEWORK**

The primary goal of our Sales Training is to accelerate your learning by eliminating pre-requisite courses so you can get the most information you need in the shortest amount of time. The emphasis is on covering all the technology at a level of detail that supports your efforts to understand, position, and explain these complex technologies.

**TECHNICAL TRAINING FRAMEWORK**

Our technical training curriculum is complex and technically deep. It is always our goal to optimize your time and the learning experience. We develop complex lab exercises to enable you to master the topics taught in class. With this in mind we have organized the cloud computing curriculum with a pre-requisite 2-day course and follow-on 3-day courses. This way you can pick the right courses based on your needs and time available.
FLEXPOD FOR ACCOUNT MANAGERS (FPAM)

OVERVIEW
In this concise 1-day course you will develop the skills needed to be able to effectively compare, contrast and position Cloud computing with the Cisco and NetApp FlexPod infrastructure.

WHO SHOULD ATTEND
This course is intended for:
• Account Managers
• Pre and Post-sales Support personnel

COURSE OBJECTIVES
After attending this course, you will be able to:
• Explain the key requirements for cloud computing
• Differentiate service and deployment models
• Understand how Data Centers reduce costs while increasing resource utilization and business agility
• Understand how Enhanced Secure Multi-Tenancy can provide security and scalability on a shared infrastructure

COURSE OBJECTIVES (CONT.)
• Articulate Cisco’s cloud computing vision
• Identify cloud computing opportunities
• Explain the benefits of deploying Cisco UCS in a DC
• Understand the basics of server virtualization and VMware clustered architectures

COURSE CONTENT
• What is Cloud Computing?
• Cisco Data Center Business Advantage
• Cloud Computing Opportunities
• Cisco Unified Computing System (UCS) Overview
• NetApp Multistore Overview
• VMware vSphere Overview
• Nexus 1000v
• FlexPod Overview

VBLOCK FOR ACCOUNT MANAGERS (VBAM)

OVERVIEW
In this important 1-day course you will develop the skills needed to be able to effectively compare, contrast and position Cloud computing with the Vblock infrastructure solution from Cisco and EMC.

WHO SHOULD ATTEND
This course is intended for:
• Account Managers
• Pre and Post-sales Support personnel

COURSE OBJECTIVES
After attending this course, you will be able to:
• Explain the key requirements for cloud computing
• Differentiate cloud computing service and deployment models
• Understand how a Cisco Data Center architecture helps reduce costs while increasing resource utilization and improving business agility
• Understand how Vblock can provide security and scalability on a shared infrastructure

COURSE OBJECTIVES (CONT.)
• Articulate Cisco’s cloud computing vision
• Identify cloud computing opportunities
• Explain the benefits of deploying Cisco UCS in a DC
• Understand the basics of server virtualization and VMware clustered architectures

COURSE CONTENT
• What is Cloud Computing?
• Cisco Data Center Business Advantage
• Cloud Computing Opportunities
• Cisco Unified Computing System (UCS) Overview
• Vblock Overview
• VMware vSphere Overview
• Nexus 1000v
**VXI/VDI FOR ACCOUNT MANAGERS (VXAM)**

**OVERVIEW**
This comprehensive 2-day course helps you understand the Virtual Desktop requirement and Cisco’s Virtualization eXperience Infrastructure (VXI).

**WHO SHOULD ATTEND**
This course is intended for:
- Account Managers; Pre and Post-sales Support personnel

**COURSE OBJECTIVES**
After attending this course, you will be able to:
- Explain common VXI/VDI challenges
- Evangelize Cisco’s VXI vision and benefits

**COURSE CONTENT**
- Cisco Data Center Overview
- The Transformation of the Desktop
- What is Desktop Virtualization
- Introduction to Cisco VXI
- Identifying Cisco VXI Opportunities
- Competing VDI Solutions
- Key Cisco VXI Differentiators
- VXI Elevator Pitch - exercise

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**VXI/VDI FOR SYSTEMS ENGINEERS (VXSE)**

**OVERVIEW**
In this advanced course you will learn about Desktop Virtualization as well as comprehensive details of Cisco’s Virtualization eXperience Infrastructure (VXI).

**WHO SHOULD ATTEND**
This course is intended for:
- Systems Engineers; Technical Solutions Architects
- Cisco Integrators and Partners

**COURSE OBJECTIVES**
After attending this course, you will be able to:
- Design a Cisco VXI Solution
- Describe the components of VDI / VXI

**COURSE CONTENT**
- Cisco Data Center Overview
- Cisco Data Center Components
- Transformation of the Desktop
- Desktop Virtualization Defined
- Desktop Virtualization Challenges
- The Latency Challenge
- Desktop Virtualization Components
- Desktop Virtualization Endpoints
- Cisco’s VXI Vision
- Cisco VXI end-to-end System

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**VXI/VDI PROOF OF CONCEPT (VXPC)**

**OVERVIEW**
This exciting course demonstrates the benefits of FlexPod in a VMware environment through hands on demonstration exercises.

**WHO SHOULD ATTEND**
This course is intended for:
- AMs; SEs; Systems Analysts; System Architects

**COURSE OBJECTIVES**
After attending this course, you will be able to:
- Work with Various VXI management tools
- Configure essential UCS functional features and advantages
- Explore the Nexus 5548 port

**COURSE CONTENT**
- Transformation of the Desktop
- Desktop Virtualization
- Cisco’s VXI Vision
- Cisco VXI End-to-End System
- VDI Case Study
- Cisco Nexus Virtualized Data Center Components
- Benefits of using Cisco MDS for VDI SAN infrastructure
- Cisco UCS Overview
- Cisco VXI Solutions
- NetApp FlexPod Overview
- Cisco VXI Management Tools
Technical Training

FLEXPOD FOR VMWARE ESSENTIALS (FPVE)

OVERVIEW
This exciting 2-day course teaches you how to prepare for and deploy FlexPod in a VMware environment with an emphasis on exploiting the key technologies in the Cisco Nexus series of switches.
FPVI, FPVA, IESMT, UCUCS and VXDI are all excellent follow-on courses.

WHO SHOULD ATTEND
This course is intended for:
• Technical Solutions Architects
• Systems Engineers
• Network Administration Personnel

COURSE OBJECTIVES
After attending this course, you will be able to:
• Describe UCS LAN connectivity requirements
• Identify UCS port requirements
• Describe UCS port channel functionality
• Access and operate the UCS Manager
• Configure server pools and identity pools
• Establish LAN connectivity via MAC address Pools, VLANs, vNIC templates and port channels to the Nexus 5548 switches
• Establish SAN connectivity using WWNN and WWPN pools, global VSANs, and vHBA templates
• Configure policies for booting, server pools, and other resources
• Create and configure NetApp data aggregates, Flex Volumes, NFS exports, and infrastructure vFiler

COURSE CONTENT
• UCS B-Series Architecture Overview
• NetApp FAS3210A Overview and Deployment
  – Basic NetApp configuration
  – Configuring SAN Connectivity
  – Creating LUNs for Cisco B-Series Servers
• Cisco Nexus 5548 Overview
• Unified Ports
• Fiber Channel over Ethernet (FCoE)
• N-Port Virtualization (NPV)
• LAN and SAN Port Channels
• Virtual Port Channels (vPC)
  – Nexus 5548 Initial Configuration
  – Port Channel and vPC Configuration
• VMware vSphere Overview
  – vCenter Architecture Overview
  – vSphere Inventory
  – vCenter Virtual Networking
  – vSphere Networking
  – vSphere Storage Overview
  – vCenter Advanced Features
• vSphere Networking Options
• Nexus 1000v Architecture and Connectivity
  – Virtual Supervisor Module (VSM)
  – Virtual Ethernet Module (VEM)
  – Installing and Configuring the Nexus 1000v
  – Installing anzd Configuring the Nexus 1010
• Nexus 1000v Port Profile Configuration
• Configure Nexus 1000V and 1000v Port Profile
• Nexus 1000v Port Profile Configuration
FLEXPOD FOR VMWARE DESIGN AND IMPLEMENT. (FPVI)

OVERVIEW
This advanced 3-day course helps you develop the required skills to plan, design, and implement a FlexPod on VMware installation on Cisco UCS technology.

WHO SHOULD ATTEND
This course is intended for:
- Network Field Engineers
- Systems Engineers
- Network Administration Personnel

COURSE OBJECTIVES
After attending this course, you will be able to:
- Configure dual Nexus 5548 switches to support a multi-tenant dual fabric
- Enable Fiber Channel Server/Uplink Ports
- Create global VSANs, Boot Policies, Server Pools, Profile Templates, Service Profiles
- Create VSANs for fabric “A” or “B”
- Enable VMware DRS and HA functionality
- Configure Fiber Channel Zone and active zonesets

COURSE OBJECTIVES (CONT.)
- Create igroups, LUNs for the Service Profiles and map LUNs to igroups
- Set up a management VLAN, DNS and NFS and vMotion vMkernal ports with Jumbo Frames MTU
- Configure Nexus 1000v and 5548 for Unified Computing
- Create data aggregates, Flex volumes, NFS exports and infrastructure filers

COURSE CONTENT
- FlexPod Architecture Review
- FAS3210A Deployment Initial Configuration
- Cisco Nexus 5548 LAN Configuration
- Cisco Unified Computing System Deployment
- Cisco Nexus 5548 SAN Configuration
- NetApp FAS3210A Deployment
- VMware ESXi Deployment Configuration
- VMware vCenter Server Deployment
- Cisco Nexus 1000V Deployment

FLEXPOD FOR VMWARE ADMINISTRATION (FPVA)

OVERVIEW
This advanced 3-day course helps you gain the knowledge and skills needed to administer and manage a complex FlexPod environment.

WHO SHOULD ATTEND
This course is intended for:
- Systems Engineers
- Network Administrators
- IT Support Professionals

COURSE OBJECTIVES
After attending this course, you will be able to:
- Explain the challenges contemporary data centers face in managing resources.
- Outline data center infrastructure challenges
- Discuss how FlexPod for VMware is used as a platform for data center evolution
- Identify key components of the FlexPod for VMware infrastructure by vendor

COURSE CONTENT
- Understanding FlexPod for VMware
- Introduction to the Nexus 5000 switch
- Introduction to the UCS System
- Compute Node Connectivity
- Cisco UCS unified connectivity
- Cisco Unified Computing System Management
- Cisco Unified Computing System Maintenance
- NetApp Storage in FlexPod
- Configuring NetApp Storage in FlexPod
- Storage High Availability, Backup and Disaster Recovery
- Storage Efficiency on NetApp MultiStore
- NetApp MultiStore Management Tools
- VMware vSphere in FlexPod
- Configuring VMware in a FlexPod Environment
- VMware Virtual Networking
IMPLEMENTING ENHANCED SMT (IESMT)

OVERVIEW
This highly focused 3-day course provides a detailed understanding of the enhanced secure multi-tenancy (ESMT) technology with seven (7) hands-on labs designed to help develop the key ESMT skills.

WHO SHOULD ATTEND
This course is intended for:
• Network field engineers
• Systems Engineers
• Pre and Post-Sales Engineers
• Network Administration Personnel

COURSE OBJECTIVES
After attending this course, you will be able to:
• Deploy Tenant Compute Resources
• Configure NetApp storage in ESMT Environment
• Configure vFiler failover within an HA Pair
• Configure NFS and iSCSI for use within VMware
• Deploy virtual machine clones using NetApp Virtual Storage Console

COURSE CONTENT
• Enhanced Secure Multi-Tenancy Overview
  – Providing an Overview of ESMT
  – Identifying Components of Multi-Tenant Environments
• Introduction to the UCS System
  – The Four Pillars
  – How Cisco UCS Meets the Four Pillars
  – Cisco UCS Hardware Components (IESMTUC Only)
• Implementing Tenant Compute Resources
  – Defining Computing Requirements
• Configuring NetApp Storage in a Multi-Tenant Environment
  – How NetApp Meets the Four Pillars
  – The Role of NetApp MultiStore in a Multi-Tenant Environment
  – NetApp MultiStore Security
• Storage Availability Solutions
  – High Availability
  – Storage Availability with ESMT
• ESX NFS datastores and tenant data on NetApp MultiStore
  – vFiler Management
  – Managing Data on MultiStore
• vFiler and Storage Management
  – Virtual Storage Console (VSC)
• Operations Manager Configuring the Tenant Virtualized Environment
  – VMware ESMT components
• VMware vShield
• Virtual Networking in a Multi-Tenant Environment
  – VMware Ethernet Networking
  – Cisco Nexus 1010 and 1000V Architecture
• Integration: Putting It All Together
  – Benefits of Multi-Tenant Architecture
INSTALLING CISCO UC ON UCS (UCUCS)

OVERVIEW
In this comprehensive 3-day course developed by Fast Lane you will learn to install and deploy the Cisco Unified Communications (UC) applications on the Cisco Unified Computing System (UCS) hardware.

WHO SHOULD ATTEND
This course is intended for:
- Systems Engineers
- Field Engineers
- Technical Solutions Architects
- Cisco Integrators/Partners

COURSE OBJECTIVES
After attending this course, you will be able to:
- Virtualize UC applications
- Manage installation images
- Use tested reference configurations (TRC)
- Understand specification-based hardware support
- Manage Virtual Machines (OVA Templates)
- Understand the licensing model
- Size a complete solution
- Migrate UC from physical to virtual machines
- Design a complete UC on UCS system
- Migrate/upgrade UC applications

COURSE CONTENT
- Hardware Overview
  - Trusted Reference Configurations
  - Specification-Based Hardware Support for UCS
  - Specification-Based 3rd party Hardware Support
- Prerequisites - ESXi tips & tricks
- Standard vs. Cisco customized
  - ESXi ISO images
  - Manage UC installation images
- Unified Communication Applications
  - Planning and Design
  - Cisco Unified Communications Manager
  - Messaging 1 (Unity Connection)
  - Messaging 2 (Unity)
  - Cisco Unified Presence (CUP) Server
  - Contact Center Applications
  - Migrating from physical to virtual
- Operations and Maintenance
  - Upgrading UCS B series
  - Upgrading UCS C series
  - Upgrading Hypervisor (ESXi)
  - Upgrading VMware Tools
- Monitoring & Troubleshooting
  - Out-of-Band Hardware Monitoring
  - In-Band Real-Time Hardware Monitoring
  - In-Band Historical Hardware Monitoring
- Migrations and Upgrades
  - Windows to Appliance Model
  - Appliance to Appliance Model
  - Refresh Upgrade Model

COURSE LABS
- Preparing VMware to host UC applications (OVA Templates)
- Installing CUCM (including VMware Tools)
- Creating a CUCM cluster
- Installing Unity Connection
- Adding non-UC VMs (MS LDAP)
- Installing and integrating a CUP server
- UCCX installation
- High Availability
- Migrating UC applications to a virtual environments
VBLOCK DESIGN AND IMPLEMENTATION (VBDI)

OVERVIEW
In this comprehensive 5-day hands-on course you will learn to design and deploy a Vblock infrastructure. Thirteen (13) hands-on labs help you reinforce the in-depth techniques taught in class.

WHO SHOULD ATTEND
This course is intended for:
• Network Field Engineers
• Systems Engineers
• Data Center Network Designers
• Pre-sales Engineers
• Post-sales Engineers
• Network Administration Personnel

COURSE OBJECTIVES
After attending this course, you will be able to:
• Integrate the individual product components of a Vblock infrastructure
• Explain and solve the challenges of modern Data Centers
• Create a standardized, shared, and virtualized computing environment
• Deploy EMC storage, Cisco Unified Computing System, Cisco Nexus 1000V switches, and VMware vSphere in a cohesively designed solution
• Configure EMC storage solutions including Celerra, Clarion, and Symmetrix
• Describe the various components and key technologies of Cisco’s UCS
• Provision the key tools and utilities provided by VMware, Cisco, and EMC for Vblock

COURSE CONTENT
• Data Center Design
  – Challenges
  – Solutions
• Compute (UCS)
  – Newly Designed, with virtualization in mind
  – UCS Components
  – Installing/Managing UCS
• Storage
  – Vblock 0, 1a (Celerra)
  – Vblock 1b (Clarion)
  – Vblock 2 (Symmetrix VMAX)
• Virtualization
  – Configuring a VMware Environment
  – Virtual Networking
  – VMware HA and Security
• Provisioning
  – Provisioning Tools and Utilities
  – Provisioning Workflow
  – Provisioning Use-Cases
  – HA
  – Backup/Restore

COURSE LABS
• Installing Cisco UCS
• Management and Upgrade of Cisco UCS
• Cisco Unified Computing System Manager
• Cisco UCS Compute Node Connectivity
• Cisco Unified Computing System Maintenance
• Configuring EMC Storage
• Configuring High Availability, Backup and Disaster Recovery
• Managing Data on EMC Storage
• EMC Storage Management Tools
• EMC Storage Performance and Troubleshooting
• Configuring the VMware Virtualized Environment
• VMware Virtual Networking
• VMware High Availability and Security

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OVERVIEW
This important 3-day course helps you develop the key skills to plan, design, and implement a real world VXI/VDI installation.

WHO SHOULD ATTEND
This course is intended for:
• Network Field Engineers
• Systems Engineers
• Network Administration Personnel

COURSE OBJECTIVES
After attending this course, you will be able to:
• Position the Citrix XenDesktop, VMware, and Microsoft Virtualization products
• Compare and position predominant storage connection technologies and underlying protocols for desktop virtualization
• Explain the functionality of mainstream desktop virtualization endpoint and client products and their relevance in the building blocks of Cisco VXI
• Design a storage solution with ACE capabilities in the VXI environment while evaluating and identifying the impact of the desktop virtualization on the network
• Configure TCP/IP connectivity, the virtualization platform, and the desktop client using management and Desktop Virtualization Implementation guidelines for the VXI environment
• Configure dual Nexus 5548 switches to support a multi-home dual fabric

COURSE CONTENT
• Desktop Virtualization Overview
  • The Transformation of the Desktop
    – What is Desktop Virtualization
    – VMware View 4.5
    – Citrix XenDesktop
    – Microsoft HyperV
  • Storage Options
    – SCSI vs. FC vs. FCoE vs. iSCSI vs. NFS/CIFS
    – Cisco Storage Networking Products
    – Storage Virtualization
    – EMC Storage
    – Hitachi Storage
• Desktop Virtualization Clients
  – Desktop Virtualization Endpoints
  – VMware Client Functionality
  – Microsoft Client Functionality
  – Citrix Client Functionality
• Introduction to Cisco VXI
  – Cisco VXI Components
  – Cisco Unified Computing System (UCS)
  – Storage Components
  – Acceleration – Application Control Engine (ACE)
  – Virtualization Aware Network
  – Cisco VXI Management Tools
• Implementing Desktop Virtualization
  – TCP/IP and Ethernet Transport
  – VMware Virtualization Platform
  – Citrix Virtualization Platform
  – Microsoft Virtualization Platform
• VMware/Microsoft/ Citrix Desktop Client
Other Cloud Computing Courses from Fast Lane

DATA CENTER BASIC TRAINING
- Storage Foundation (SAN)
- NEW FlexPod for VMware Essentials (FPVE)

NETAPP STORAGE BASIC & INTERMEDIATE TRAINING
- Data ONTAP 7-Mode Administration (D7ADM)
- NCDA Boot Camp (NCDABC)
- Accelerated NCDA Boot Camp Data ONTAP 8.0 7-Mode (ANCDABC87)
- Data ONTAP CIFS Administration (CIFS)
- Data ONTAP NFS Administration (NFS)
- NetApp Data Protection Software Administration (NPSA)
- Data ONTAP SAN Administration (SAN)
- SAN Implementation Workshop (SANIW)
- Performance Analysis on Data ONTAP (PAD)
- Data ONTAP 8.0 Cluster-Mode Administration (D8CADM)
- Achieving Storage Efficiency with NetApp Storage Systems (ASE)
- Basic NetApp Configuration and Administration (BNCA)
- NetApp MultiStore Administration (NMA)
- Operations Manager, Protection Manager, and Provisioning Manager Administration (OPSMGR)
- VMware vSphere on NetApp (VVNA)
- Oracle on NetApp Storage Systems (NAOR)
- NetApp SANscreen Fundamentals (SANF)
- Microsoft Exchange on NetApp Storage Systems (MSEX)
- Microsoft SQL Server on NetApp Storage Systems (MSSQL)

VMWARE AUTHORIZED COURSES
- VMware vSphere: Install, Configure, Manage [V5] (VICM)
- VMware vSphere 5: What’s New (VIWN)
- VMware vSphere 5: Overview (VVO)
- VMware View™: Install, Configure, Manage (Version 4.5) (VIEW)
- VMware vSphere 4: Troubleshooting (VSTS)
- Application Virtualization Using VMware ThinApp (THIN)
- VMware vCloud: Overview (VCO)
- VMware vCloud: Architecting the VMware Cloud (AVC)
- VMware Site Recovery Manager (VSRM)
- VMware vSphere: Design Workshop (VDW)
- VMware View: Design Best Practices (VVD)
- VMware vSphere: Manage Scalability (VMS)
- VMware vSphere: Manage Availability (VMA)
- VMware vSphere: Manage for Performance (VMP)
- vSphere 4: Automation with vSphere PowerCLI (AUTO)
- VMware vSphere Skills for Operators (VO)
- VMware vSphere 4: Manage and Design for Security (VMDS)
- VMware vSphere on NetApp (VVNA)

CISCO DATA CENTER TRAINING
- Cisco Data Center Architectural Overview (DCAO)
- Implementing Data Center Application Services (DCASI)

CISCO DATA CENTER TRAINING - CONT.
- Implementing Cisco Storage Networking Solutions v4.2 (ICSNS)
- Implementing Cisco Advanced Storage Networking Solutions v4.2 (IASNS)
- Designing Cisco Storage Networking Solutions v4.2 (DCSNS)
- Cisco Wide-Area Application Service (CWAAS)
- Implementing the Application Control Engine Service Module (ACESM)
- Cisco Application Control Engine Appliance (ACEAP)
- Catalyst 6500 and Cisco 7600 Series Routers Firewall Services Module Deployment (FWSMD)
- NEW Introducing Cisco Data Center Networking (DCICN)
- NEW Introducing Cisco Data Center Technologies (DCICT)
- NEW Troubleshooting Cisco Data Center Unified Fabric (Dcuda)
- Introducing Cisco Data Center Networking (DCICN)
- Introducing Cisco Data Center Technologies (DCICT)
- NEW Troubleshooting Cisco Data Center Unified Computing (DCUCT)
- Designing Cisco Data Center Unified Fabric (DCUF)
- Data Center Unified Computing Implementation v4.0 - Featuring UCS Manager Code 2.0 (DUCUC)
- Cisco Data Center Networking Fabric Solutions Implementation v4.0 (DCUCF)
- Cisco Data Center Unified Computing Design (DCUCD) - Featuring UCS Manager Code v2.0 (DCUCD)
- Implementing the Cisco Nexus 1000V v1.0 (DCNX1K)
- Implementing the Cisco Nexus 5000 and 2000 v1.0 (DCNX5K)
- Implementing the Cisco Nexus 7000, v1.0 (DCNX7K)
- NEW Implementing Cisco Catalyst 6500 Series Switches (RSCAT6K)
- NEW Implementing Nexus 5000 and 7000 Bootcamp (DCNX57K)
- NEW Cisco Data Center Unified Computing System C-series Troubleshooting - Featuring UCS Manager Code 2.0 (DCUC57S)

CLOUD COMPUTING COURSES
- Implementing Enhanced Secure Multi-tenancy Solutions (IESMT)
- VBlock Design and Implementing (VBDI) v1.0 (VBDI)
- FlexPod for VMware Administration (FPVA)
- FlexPod for VMware Design and Implementation (FPVI)
- FlexPod for VMware Essentials (FPVE)
- Implementing Virtualization Experience Infrastructure & Virtual Desktop Infrastructure (VXDI)
- FlexPod for Account Managers (FPAM)
- NEW VXi/VDI for Account Managers (VXAM)
- NEW VXi/VDI SE Training (VXSE)
- NEW VXi/VDI Proof of Concept Workshop (VXPC)
- NEW Cloud Essentials (CLOUD101)
- NEW Virtualization Essentials (VIRT101)
- NEW Introducing Cisco Data Center Networking (DCICN)
- NEW Introducing Cisco Data Center Technologies (DCICT)