

# CCIE Routing & Switching Boot Camp (12 Days)

## WinNET Systems

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# CCIE Routing & Switching Foundation Lab (12 Days)

CISCO CERTIFIED INTERNETWORK EXPERT



## CCIE VOICE FOUNDATION LAB

- **Instructor : Shahfaisal Attar**
- **Latest Cisco equipment as used in the real exam**
- **Dedicated pods (no sharing)**
- **Modern presentation facilities**

## Course Information

We believe in quality. That is why we do not take more than 6 students per course and the equipment is not shared. This will increase knowledge transfer and understanding.

### Overview:

The CCIE Routing & Switching Foundation Lab at WinNET Systems is programmed for those who have got CCNP level of knowledge without any hands-on experience. This is an intensive course providing an excellent exposure to the necessary concepts and practical aspects.

### Instructor:

Shahfaisal Attar #23258

### Course Design:

This course is structured for you to get maximum hands-on experience and necessary skills to bridge the knowledge and give you the correct foundation that is required for the CCIE Routing & Switching Labs. This is aligned with the Cisco Lab Exam Blue Print and will expose you to the technology and knowledge on each and every exam topic. Our Routing & Switching Foundation boot camp prepares you to handle any real world scenarios in the industry and in your job environment. You get the true confidence to take up any job at a CCNP level after this course. This is the recommended foundation level course for those who wish to follow our CCIE Routing & Switching Boot Camp

### For Whom:

This course is ideal for the following categories of students:

- Those who have already passed the CCNP Exam but have no hands-on experience with routers or switches
- Those who have got CCNP level of knowledge without any hands-on experience
- Those who are planning to go for CCIE Routing & Switching certification and need to fill the gaps in knowledge

### Duration:

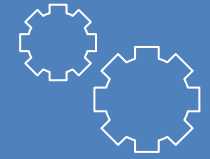
- 12 day boot camp
- 9:00am to 5.00pm (normally an 8 hour day, sometimes late into the evening)
- The weekend will be a practical session without the Instructor

### Hands-on Labs:

You will have access to all the latest Cisco equipment used in the real exam. We do not use simulation software or virtual machines. You get hands-on labs with real equipment, having physical access to your equipment

### Prerequisite:

The CCIE Routing & Switching Foundation Lab 12 day is meant for those who have the CCNP or CCNP level of knowledge without hands-on experience and those who require more practical aspect to fill the gaps in knowledge.



## WHY SELECT WINNET

We have produced more than 400 CCIE's including Double and Triple CCIE's and several hundreds of other Cisco Certified professionals in various Networking disciplines.



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## Course Outline

### Course Outline – 12 Day CCIE Routing & Switching Foundation Lab

#### 3.0 Bridging and Switching

- Frame relay
- Catalyst configuration: VLANs, VTP, STP, trunk, management, features, advanced configuration, Layer 3

#### 4.0 IP IGP Routing

- OSPF
- EIGRP
- RIPv2
- IPv6
- GRE
- ODR
- Filtering, redistribution, summarizing and other advanced features

#### 5.0 BGP

- IBGP
- EBGP
- Filtering, redistribution, summarization, synchronization, attributes and other advanced features

#### 6.0 IP and IOS Features

- IP addressing
- DHCP
- HSRP
- IP services
- IOS user interfaces
- System management
- NAT
- NTP
- SNMP
- RMON
- Accounting

#### 7.0 IP Multicast

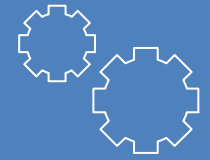
- PIM, bi-directional PIM
- MSDP
- Multicast tools, source specific multicast
- DVMRP
- Anycast

#### 1.0 QoS

- Quality of service solutions
- Classification
- Congestion management, congestion avoidance
- Policing and shaping
- Signaling
- Link efficiency mechanisms
- Modular QoS command line

#### 2.0 Security

- AAA
- Security server protocols
- Traffic filtering and firewalls
- Access lists
- Routing protocols security, catalyst security
- Other security features



We are equipped with all the necessary tools for you to get the comprehensive training for the real CCIE Routing & Switching Lab Exam.

#### Facilities:

- Access to all the latest Cisco equipment as used in the real exam
- A complete Lab Rack for each student (we do not use simulation software or virtual machines) as used in the real exam
- Comfortable venue with modern presentation facilities
- Only 6 students per course
- Laptops/desktops are provided (students may use their own laptops)
- Light snacks and refreshments will be provided free of charge
- Assistance with locating accommodation, transport and parking

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## Reservation Information

### Register:

A place can be reserved by depositing an advance payment of £500.00.

### Payment Methods:

Please choose one of the following methods to make the payment.

#### 1. Wire Transfer/Direct Deposit in UK

Bank: Barclays Bank  
A/C Name: WinNET Systems Limited  
Sort Code: 20-57-40  
A/C No: 83113175  
SWIFT Code: BARCGB22  
IBAN : GB20 BARC 2057 4083 1131 75

#### 2. Credit Card/Debit Card

A Credit/debit Card Authorisation (CCA) form can be obtained from our website or requested by email. Once the CCA form has been completed it can be returned by fax or by email.

#### 3. PayPal

PayPal payments can be made via our website.

### Course Fee:

Foundation Lab course fee £2745 + VAT

To be paid in full 10 days before the commencement of the boot camp.

### Schedule:

A full schedule of boot camp dates can be found on our website.

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Web: [www.winnetsystems.co.uk](http://www.winnetsystems.co.uk)

## Training Location Information

### Venue:

WinNET Systems, Technology House, 151, Silbury Boulevard, Milton Keynes, MK9 1LH, UK

### How to reach us:

By train <http://www.nationalrail.co.uk>

By coach <http://www.nationalexpress.com>

**Arrangements:** We can arrange a taxi from the airport to our location, subject to availability.

### Accommodation:

#### Hotels:

##### Jurys Inn Milton Keynes

Midsummer Boulevard, Central Milton Keynes, MK9 2HP

Tel: +44 (0) 1908 843 700

Web: [www.jurysinns.com](http://www.jurysinns.com)

##### Travelodge Hotels Ltd

199 Grafton Gate East, Milton Keynes, Buckinghamshire, MK9 1AL

Tel: +44 (0) 870 085 0950

Web: [www2.travelodge.co.uk](http://www2.travelodge.co.uk)

##### Holiday Inn Milton Keynes

500 Saxon Gate West, Milton Keynes, Buckinghamshire, MK9 2HQ

Tel: +44 (0) 870 400 9068

Web: [www.holidayinn.com](http://www.holidayinn.com)

#### Bed & Breakfast Accommodation:

##### City Central B & B (Shaun Maxwell)

37 Mitcham Place, Bradwell Common, Milton Keynes, MK13 8BX

Tel: +44 (0) 1908 663 750 or +44 (0) 7852 204 227

Web: [www.bedandbreakfastmiltonkeynes.com](http://www.bedandbreakfastmiltonkeynes.com)

E Mail: [smaxfield@aol.com](mailto:smaxfield@aol.com)

##### Charter House Bed and Breakfast (Anita Hancock)

72 London Road, Loughton, Milton Keynes, MK5 8AQ

Tel: 01908 663 406

Web: [www.charterhousebandb.co.uk](http://www.charterhousebandb.co.uk)

Email: [anita@charterhousebandb.co.uk](mailto:anita@charterhousebandb.co.uk)

Mobile: 07790 274 599

##### Falty Towers

110 Langcliffe Drive, Heelands, Milton Keynes, Buckinghamshire, MK13 7LD

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