



Dear Sir / Madam

Greetings,

Golden Star Consulting (GSC) in cooperation with Estarta Solutions is pleased to announce conducting the first CCNA Switching & Routing technical course:

## CCNAX v2.0 - CCNA Routing and Switching Boot Camp

Which will be held in Amman, during the period from 7<sup>th</sup> – 11<sup>th</sup> June, 2015. As 40 hours (over 5 days) of training intended for network engineers to equip them with the needed knowledge to better manage their networks, and secure the distribution and access of users over their networks.

### Course Delivery

1. In compliance with the Official Cisco Learning Partner (CLP) guidelines.
2. Estarta is the only CLP in the LEVANT.
3. Highly talented with hands-on experience instructors - Cisco Certified Systems Instructor (CCSI).
4. Fully equipped labs.
5. Official Cisco Training Kit.
6. Ability to take the CCNA exam.
7. 40 training credited hours (over 5 days).
8. (3) Coffee breaks & daily lunch are included.

### Course Details

In this course, the student will learn how to install, operate, configure, and verify a basic IPv4 and IPv6 network. You will focus on configuring a LAN switch, configuring an IP router, identifying basic security threats, understanding redundant topologies, troubleshooting common network issues, connecting to a wide-area network (WAN), configuring EIGRP and OSPF in both IPv4 and IPv6, understanding WAN technologies, and getting familiar with device management and Cisco licensing.



## Course Outlines

<p><b>1. Building a Simple Network</b></p> <ul style="list-style-type: none"> <li>• <i>Functions of Networking</i></li> <li>• <i>Host-to-Host Communications Model</i></li> <li>• <i>LANs</i></li> <li>• <i>Operating Cisco IOS Software</i></li> <li>• <i>Starting a Switch</i></li> <li>• <i>Ethernet and Switch Operation</i></li> <li>• <i>Troubleshooting Common Switch Media Issues</i></li> </ul>	<p><b>2. Establishing Internet Connectivity</b></p> <ul style="list-style-type: none"> <li>• <i>TCP/IP Internet Layer</i></li> <li>• <i>IP Addressing and Subnets</i></li> <li>• <i>TCP/IP Transport Layer</i></li> <li>• <i>Functions of Routing</i></li> <li>• <i>Configuring a Cisco Router</i></li> <li>• <i>Packet Delivery Process</i></li> <li>• <i>Enabling Static Routing</i></li> <li>• <i>Managing Traffic Using ACLs</i></li> <li>• <i>Enabling Internet Connectivity</i></li> </ul>
<p><b>3. Managing Network Device Security</b></p> <ul style="list-style-type: none"> <li>• <i>Securing Administrative Access</i></li> <li>• <i>Implementing Device Hardening</i></li> <li>• <i>Implementing Traffic Filtering with ACLs</i></li> </ul>	<p><b>4. Introducing IPv6</b></p> <ul style="list-style-type: none"> <li>• <i>Basic IPv6</i></li> <li>• <i>Configuring IPv6 Routing</i></li> </ul>
<p><b>5. Building a Medium-Sized Network</b></p> <ul style="list-style-type: none"> <li>• <i>Implementing VLANs and Trunks</i></li> <li>• <i>Routing Between VLANs</i></li> <li>• <i>Using a Cisco Network Device as a DHCP Server</i></li> <li>• <i>Troubleshooting VLAN Connectivity</i></li> <li>• <i>Building Redundant Switched Topologies</i></li> <li>• <i>Improving Redundant Switched Topologies with EtherChannel</i></li> <li>• <i>Layer 3 Redundancy</i></li> </ul>	<p><b>6. Troubleshooting Basic Connectivity</b></p> <ul style="list-style-type: none"> <li>• <i>Troubleshooting IPv4 Network Connectivity</i></li> <li>• <i>Troubleshooting IPv6 Network Connectivity</i></li> </ul>
<p><b>7. Wide-Area Networks</b></p> <ul style="list-style-type: none"> <li>• <i>WAN Technologies</i></li> <li>• <i>Configuring Serial Encapsulation</i></li> <li>• <i>Establishing a WAN Connection Using Frame Relay</i></li> <li>• <i>VPN Solutions</i></li> <li>• <i>Configuring GRE Tunnels</i></li> </ul>	<p><b>8. Implementing an EIGRP-Based Solution</b></p> <ul style="list-style-type: none"> <li>• <i>Implementing EIGRP</i></li> <li>• <i>Troubleshooting EIGRP</i></li> <li>• <i>Implementing EIGRP for IPv6</i></li> </ul>



<p><b>9. Implementing a Scalable, OSPF-Based Solution</b></p> <ul style="list-style-type: none"><li>• <i>Implementing OSPF</i></li><li>• <i>Multiarea OSPF IPv4 Implementation</i></li><li>• <i>Troubleshooting Multiarea OSPF</i></li><li>• <i>OSPFv3</i></li></ul>	<p><b>10. Network Device Management</b></p> <ul style="list-style-type: none"><li>• <i>Configuring Network Devices to Support Network Management Protocols</i></li><li>• <i>Managing Cisco Devices</i></li><li>• <i>Licensing</i></li></ul>
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### What You'll Learn

- *Network fundamentals and how to build simple LANs*
- *Establish Internet connectivity*
- *Manage network device security*
- *IPv6 basics*
- *Troubleshoot VLAN issues*
- *Spanning Tree Protocol (STP)*
- *Configure Ether Channel*
- *Layer 3 redundancy*
- *Troubleshoot IP connectivity*
- *Characteristics, functions, and components of a WAN*
- *Configure and troubleshoot EIGRP in an IPv4 environment*
- *Configure EIGRP for IPv6*
- *Configure, verify, and troubleshoot multiarea OSPF*
- *SNMP, syslog, and Net Flow*
- *Manage Cisco device configurations, IOS images, and licenses*

### Who Needs to Attend

- *Individuals seeking CCNA Routing and Switching certification*
- *Pre- and post-sales network engineers involved in installing and supporting enterprise branch office networks*
- *Entry-level network engineers, network administrators, network support technicians, and help desk technicians*

### Prerequisites

- *A solid understanding of IPv4 and IPv6 based networks*
- *A basic knowledge of network subnetting and IP routing*
- *Complete the 10 hours of pre-class activity*
- *TCP/IP Networking*



**Golden Star Consulting**

**النجم الذهبي للإستشارات**

## **Certification Programs and Certificate Tracks**

- *The most popular course prepares you for the CCNA Routing and Switching certification exam (200-120 CCNA)*

## **Participation and Certification Fees**

- *Participation fees is \$ (1750) per student, this includes (Cisco Official Training Kits + Cisco Virtual Lab)*
- *The associated certification Exam for the CCNA Routing and Switching (200-120 CCNA), and the cost is \$300 per student*

*(80%) is our special discount for our participants, each one should pay only (20%) or \$ (60), GSC will pay \$ (240) for free.*

*For any more further details, please don't hesitate to contact us, hope hearing from you soon.*

*Thankful for your interest and participation*

*Yours Sincerely,*

**CEO**

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### **Important Notes:**

**1. In the case of the nomination (3) participants by your leading organization, the fourth participant fees will be (for free).**