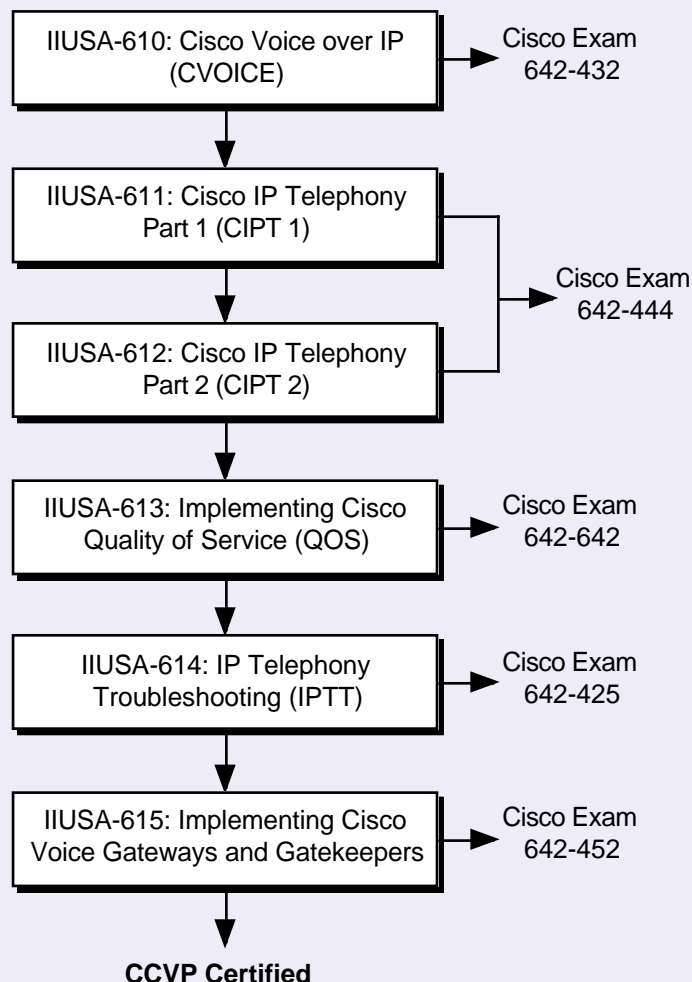


**Internet
Institute USA**

Cisco Certified Voice Professional (CCVP)

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The CCVP certification recognizes the increased importance placed on IT professionals of today who are responsible for integrating voice technology into underlying network architectures. Individuals who earn a CCVP certification can help create a telephony solution that is transparent, scalable, and manageable. Earning a CCVP certification validates a robust set of skills in implementing, operating, configuring, and troubleshooting a converged IP network. The certification content focuses on Cisco Systems CallManager, quality of service (QoS), gateways, gatekeepers, IP phones, voice applications, and utilities on Cisco routers and Cisco Catalyst switches.



To register, check on class schedules, or for additional information, visit our Web site at <http://iisatech.com>, or send us email at info@iisatech.com.

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- Instructor-led classroom sessions
- Out-of-hours access to laboratory equipment
- Exam preparation software

Course Outline

Cisco Certified Voice Professional (CCVP)

(28 days)

This course sequence leads to the Cisco Certified Voice Professional (CCVP) credential.

IIUSA-610: Cisco Voice over IP (CVOICE) (5 days)

Prerequisites: CCNA certification, or working knowledge of LANs, WANs, and IP switching.

CVOICE is the first course in the CCVP curriculum, and lays the foundation for gaining hands-on skills and a significant understanding of packet telephony. This course prepares students for Cisco exam 642-432 CVOICE.

IIUSA-611: Cisco IP Telephony Part 1 (CIPT 1) (5 days)

Prerequisites: CCNA certification; Building Cisco Multilayer Switched Networks (BCMSN); Cisco Voice over IP (CVOICE); Microsoft Software for Cisco Voice (MSCV).

Cisco IP Telephony Part 1 (CIPT1) prepares students for installing, configuring, and maintaining a Cisco IP telephony solution. This course focuses primarily on Cisco CallManager, the call routing and signaling component for the Cisco IP telephony solution. This course includes lab practice where students will install and configure Cisco CallManager; configure gateways, gatekeepers, and switches; and build route plans to place intra- and intercluster Cisco IP phone calls. Students will also configure telephony class of service (CoS), numerous user telephone features, and media resources. This course, together with IIUSA-612 *Cisco IP Telephony Part 2 (CIPT 2)* prepares students for Cisco exam 642-444 CIPT.

IIUSA-612: Cisco IP Telephony Part 2 (CIPT 2) (3 days)

Prerequisites: Cisco IP Telephony Part 1.

The Cisco IP Telephony Part II course focuses on Cisco CallManager advanced features and options. These features include point-to-point video calls for appropriate video enabled endpoints as well as video conferencing, Cisco CallManager Attendant Console, IP Softphone and extension Mobility, security features for hardening of applications and hardware for VoIP, and command-line tools and monitoring devices that Cisco provides for troubleshooting voice and data networks. This course, together with IIUSA-611 *Cisco IP Telephony Part 1 (CIPT 1)* prepares students for Cisco exam 642-444 CIPT.

IIUSA-613: Implementing Cisco Quality of Service (QOS) (5 days)

Prerequisites: CCNA certification; knowledge of configuring BGP.

The Implementing Cisco Quality of Service (QOS) course provides students with in-depth knowledge of IP QoS requirements, conceptual models using Differentiated Services (DiffServ), Integrated Services (IntServ) and Best Effort (over provisioning), and the implementation of IP QoS on Cisco IOS switch and router platforms. This course prepares students for Cisco exam 642-642 QOS.

IIUSA-614: IP Telephony Troubleshooting (IPTT) (5 days)

Prerequisites: CCNA certification; QOS, CVOICE, and CIPT training. IPTT practices troubleshooting skills for administrators and engineers who support IP Telephony installations. This course prepares students for Cisco exam 642-425 IPTT.

IIUSA-615: Implementing Cisco Voice Gateways and Gatekeepers (GWGK) (5 days)

Prerequisites: CCNA certification; CVOICE, and a conceptual understanding of Cisco CallManager Express functions.

GWGK is an advanced course on implementing Cisco Voice Gateways and Gatekeepers in Enterprise or Service Provider environments. The course prepares students to install, configure, monitor and troubleshoot Cisco voice gateways and gatekeepers. This course prepares students for Cisco exam 642-452 GWGK.

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