



Cisco Networking Academy®  
| Mind Wide Open®



## CCNP - TSHOOT

### Hybrid Online or In-person CCNP Course (CNET 186)

#### General information

[Cisco Systems](#) is a market leading ICT technology solutions company providing equipment and technology that form the technical foundation of many ICT service providers and enterprises. Its [Cisco Networking Academy](#) serves 1,000,000 students annually in more than 165 countries, providing valuable ICT skills for increased access to opportunities in the global economy.

The [Cisco Certified Network Professional](#) (CCNP) is an advanced segment of the Cisco Networking Academy curriculum and certification program, which validates knowledge and skills required to install, configure and troubleshoot converged local and wide area networks with 100+ nodes. CCNP Professionals have demonstrated knowledge and skills required to manage the routers and switches at the network core, as well as edge applications that integrate voice, wireless, and security into the network.

#### Course Description

This 3-unit CCNP course, CNET 186 Troubleshooting IP Networks (CCNP TSHOOT) teaches planning tasks, evaluations of designs, performance measurements, configuring and verifying, and correct troubleshooting procedures and documentation tasks. In this course you will learn the foundational topics for critical analysis, planning, verification and documentation, while configuring tasks would have been mastered in the CCNP ROUTE and CCNP SWITCH material. The routed network includes the most commonly used and emerging IP routing protocols and other technologies, including:

- Planning Maintenance for Complex Networks
- Maintaining and Troubleshooting Routing Solutions
- Using Maintenance and Troubleshooting Tools and Applications
- Maintaining and Troubleshooting Switched/Solutions
- Troubleshooting Processes
- Troubleshooting Addressing Services
- Troubleshooting Network Performance Issues
- Troubleshooting Converged Networks
- Maintaining and Troubleshooting Network Security Implementation

**Prerequisite:** CCNP ROUTE and CCNP SWITCH courses or certifications.

## Instructor



Danijela Babic has been a Cisco Networking Academy instructor both here and abroad. She teaches CCNA and CCNP courses in the

Computers, Networks, and Emerging Technologies (CNET) department at Ohlone College in Fremont.

For more information, contact her at:

eMail: [dbabic@ohlone.edu](mailto:dbabic@ohlone.edu)

Mobile: (408) 202-3519

## In-Person Instructor Led Course

This face-to-face course will be Tuesdays, 7:00 pm – 10:00pm, March 27 – May 18, on the [Ohlone College Fremont Campus](#) in room HH-120.

[Apply to Ohlone](#) and register for [CNET-186-01](#) (052761) Troubleshooting IP Networks (CCNP TSHOOT).

## Synchronous, Interactive Online Course with Remote Lab Access

Now, students at other colleges have an opportunity to take this course, offered for the first time in a hybrid in-person and remote access format through the [Mid-Pacific ICT Center](#).

Students will be able to interact with the class in real time via the outstanding [CCCConfer](#) Teach and Confer platform via any computer at any connection speed on the Internet. Labs will be available through scheduled NETLAB remote access to actual Cisco routers (not a simulator). However, the [Cisco Packet Tracer](#) simulator will also be used to enhance learning.

Students are welcomed to attend any of the face-to-face evening sessions on a drop-in basis.

Register for [CNET-186-02](#) (052762) Troubleshooting IP Networks (CCNP TSHOOT).

## Asynchronous Course Review

Students will be able to view archived course lectures via the Internet and may be able to download video and audio podcasts of course lectures for review on mobile devices.

