

# Troubleshooting Cisco Wireless Enterprise Networks (WITSHOOT)

Duration 3 Days

## COURSE CONTENT

This course provides network professional with the knowledge of troubleshooting and optimizing Enterprise wireless infrastructure and related services plus the tools and methodologies needed to identify and resolve client connectivity, performance, and RF issues.

Upon completion of the course, students will have the knowledge and skills to:

- Troubleshoot Methodology
- Troubleshoot AP Joining Issues
- Troubleshoot Client Connectivity Issues
- Identify and Locate RF Interferences
- Troubleshoot Client Performance Issues
- Identify Common Wired Infrastructure Issues Based on the Output From Common Troubleshooting Tools
- Troubleshoot WLC and AP High Availability Issues

## COURSE OUTLINE

### Module 1: Identify Common Troubleshooting Approaches

- Lesson 1: Describing Network Troubleshooting Methodology
- Lesson 2: Describing Network Troubleshooting Tools and Resources

### Module 2: Identify Core Wireless Infrastructure Issues

- Lesson 1: Troubleshooting Wireless-Related Wired Infrastructure Issues
- Lesson 2: Troubleshooting AP-to-Controller Issues
- Lesson 3: Troubleshooting Cisco FlexConnect

### Module 3: Identify Wireless Infrastructure Issues

- Lesson 1: Troubleshooting Client Connectivity Issues
- Lesson 2: Troubleshooting Client Performance Issues

### Module 4: Identify Wireless Security Issues

- Lesson 1: Troubleshooting Client Authentication Issues
- Lesson 2: Troubleshooting Guest Access Issues
- Lesson 3: Troubleshooting Issues with RF-Related Security Threats

## PREREQUISITES

It is recommended, but not required, that students have the following knowledge and skills before attending this course:

- Interconnecting Cisco Networking Devices Part 1 (ICND1)
- Implementing Cisco Wireless Network Fundamentals (WIFUND)

Basic knowledge of:

- Cisco Prime Infrastructure
- Cisco Identity Services Engine
- Metageek Channelizer Software
- Voice Signaling Protocol
- Basic QoS
- Application Visibility and Control
- Control LAN switching

## PREREQUISITES

- Channel Partners
- Customers
- Employees

