

# Cisco Wireless Fundamentals

This course is designed for Cisco system engineers and field engineers that possess wireless basics and want to learn more advanced concepts.



0870 350 4000  
www.ncat.co.uk  
info@ncat.co.uk

This 4-day course provides the fundamentals of Cisco's wireless LAN (WLAN) technology through instructor-led training and instructor-assisted, hands-on labs and requirements for performing a site survey.

- **Authorised Cisco Instructors**
- **12 months post course support**
- **Live equipment used in labs**

### Course Pre-Requisites

Delegates are required to meet the following prerequisites:

- Certification as a CCNA or the equivalent knowledge

Course	Course Objectives	Course Content
<p><b>Cisco Wireless Fundamentals</b></p> <p><u>Duration:</u> 4 days</p> <p><u>Location</u> Slough Client Site</p>	<p>Upon completion of this course, the delegate will understand:</p> <ul style="list-style-type: none"> <li>• Detailed modulation and spreading techniques and how they are used with various antennas</li> <li>• Detailed technical features, functions, and benefits of the WLAN product offerings available from Cisco</li> <li>• Concepts and considerations for deploying wireless bridges</li> <li>• Configure a Cisco client card with Cisco utilities</li> <li>• Configure the core access point and bridge</li> <li>• Configure an advanced featured WLAN using a Cisco wireless LAN controller</li> <li>• Implement a WLAN management solution available from Cisco</li> <li>• Perform an initial configuration of a WLAN</li> <li>• Secure a WLAN using security methods and products available from Cisco</li> <li>• The requirement necessary for deployment and performing a site survey</li> <li>• Steps, concepts, and tools available while performing a site survey</li> </ul>	<ul style="list-style-type: none"> <li>• Cisco Aironet WLAN Overview</li> <li>• Cisco Aironet WLAN Products</li> <li>• WLAN Access Points, Bridges, Antennas, and Accessories</li> <li>• WLAN Clients</li> <li>• WLAN Network Management, Control, and Services</li> <li>• Access Point Enterprise-Class Features</li> <li>• Wireless Bridges</li> <li>• Aironet Desktop Utility</li> <li>• Core Access Point and Bridge Basic Configuration</li> <li>• Advanced Feature Set Product Administration</li> <li>• WLAN Management Solutions</li> <li>• Cisco Wireless Mesh Network Installation</li> <li>• Security</li> <li>• Site Survey Preparation and Techniques</li> <li>• Determining the Deployment Requirements for a Site Survey</li> <li>• Performing a Site Survey</li> <li>• Manual Site Survey Tools and Utilities</li> </ul>