

# Ekahau Certified Survey Engineer

## Description

The Ekahau Certified Survey Engineer (ECSE) course provides instructor-led classroom lectures and intensive hands-on labs on all aspects of Wi-Fi life cycle management. This includes:

- Wireless LAN and radio frequency (RF) fundamentals
- Predictive designs
- Pre- and post-deployment site surveys
- Troubleshooting of Wi-Fi issues
- Spectrum (interference) analysis
- Reporting

After the course, students will take the ECSE certification exam.

## Audience

This course and certification are designed for Wi-Fi systems engineers, IT administrators, and others working with Wi-Fi, who require an in-depth knowledge on how to deploy and maintain Wi-Fi networks using Ekahau Wi-Fi tools.

## Prerequisites

Students are expected to have the following skills & knowledge before attending this course:

- Basics of networking
- Strong general computer skills
- CWNA recommended (not required)
- Windows laptop or MacBook with Admin rights for installing software
  - Some exercises will work better with a mouse
- Sense of humour is recommended but not mandatory

## Course Content

- Wireless LAN and RF fundamentals
- The life cycle of a Wi-Fi network
- How to design and deploy robust Wi-Fi networks
- Product installation & activation, basics
- Pre-deployment and post-deployment Wi-Fi site surveys
- Troubleshooting Wi-Fi issues
- Spectrum Analysis
- Reporting
- ECSE Certification Exam

## Course Objectives

At the end of this course the student will hold expert knowledge in designing, deploying and troubleshooting Wi-Fi networks, using Ekahau Wi-Fi tools. The knowledge applies to all Wi-Fi network brands. A certification exam will be held at the end of the course.

## Tutors



### Keith R. Parsons

Keith has been teaching and designing Wi-Fi networks for a decade. Over 3,000 engineers have learned how to apply RF principles and design methodologies to improve their WLANs, from Keith.

Keith will not just teach you about the buttons and menus of our tools, he will customize the training for your Wi-Fi networking needs, gaps and issues, as the basis for a custom tailored training course.



### Ferney Muñoz Vergara

Ferney has been working with technology for 27 years, 17 of them in networking and 10 years dealing with wireless networks. Ferney is currently employed by Canyons School District and Wireless LAN Professionals, and uses Ekahau to design, troubleshoot and maintain 1,450 Ruckus Wireless network at the school district.

## Location

Holiday Inn Peartree  
Roundabout  
Woodstock Rd  
Oxford  
OX2 8JD

[View on map](#)

