

ECSE Advanced

Available Online or In-Person

This 4-day course consists of lectures and hands-on labs taught by Wi-Fi experts. Dive deep into advanced Wi-Fi design, surveying, and troubleshooting techniques using Ekahau tools to model and analyze complex network environments.



Dive into all aspects of advanced Wi-Fi design, surveying, and troubleshooting, including:

- Advanced Wi-Fi Design: Learn how to design for complex scenarios like warehouses, hospitals, universities, and large public venues.
- Floor Plan Manipulation: Conquer the manipulation of floor plans, including working with PDF, CAD, and large building files.
- Advanced Surveying Techniques: Understand and apply advanced surveying techniques, including compensating for walls, wall calibration, and using Ekahau Sidekick 2 for measurements.
- Advanced Troubleshooting: Perform in-depth analysis using packet and spectrum analysis, identify the root cause of issues, and troubleshoot across 2.4, 5, and 6 GHz bands.
- Ekahau AI Pro Online: Gain hands-on experience with Ekahau AI Pro Online to model complex environments, including multi-level structures, auditoriums, and arenas.
- Reporting: Learn to create and use report templates to communicate your findings effectively.

Course specifics:

- Updated for 2025 with new hands-on labs, real-world scenarios, and practical advanced workflows.
- Built for Wi-Fi engineers, architects, network owners, and technical support teams who want to take their skills to the next level.
- Earn the ECSE Advanced certification by passing both the practical and multiple-choice exams.
- Includes free access to the Ekahau AI Pro Classic custom reporting video on demand training.
- Includes Credly digital certificate and badge.
- Available in-person or online, taught by industry experts.
- Four-day course, 8 hours per day with a 1-hour break midday.
- English, French, German, Spanish, Mandarin Chinese, Hindi and Dutch.



Technical requirements:

During the course, students receive a temporary Ekahau Connect license to run Ekahau AI Pro Online and Desktop on their computer and Ekahau Survey and Analyzer on their mobile device.

All students will also receive free access to video-on-demand training for the fundamentals of using Ekahau AI Pro Desktop / Classic reporting.

Students will need:

- Admin rights on their local machine to install AI Pro.
- A fast and stable internet connection and a computer with video and audio capability.
- A physical mouse rather than a trackpad for designing.

Visit www.ekahau.com/training/ecse-advanced for a full list of upcoming training dates and locations.

Did you know?

Earning a new ECSE certification automatically renews all your existing ECSE certifications. Become ECSE Advanced certified to extend currently valid ECSE certifications for 3 years!

EKAHAU ECSE ADVANCED

ECSE Agenda	TAG 1	TAG 2	TAG 3	TAG 4
09:00 – 10:30	- Vorstellungsrunde Raumplanung: Bilddateitypen und Bearbeitung von Grundrissen	Fortgeschrittenes WLAN-Design-Praxisbeispiel: Lagerhaus	Fortgeschrittene Messtechniken: Methoden Fortgeschrittene Messtechniken: Wandkalibrierung	Benutzerdefinierte Berichterstellung: Vorlagenberichte in Ekahau AI Pro Online
10:30 – 10:45	PAUSE			
10:45 – 12:30	Raumplanung: Verwendung von Bildern mit Ekahau AI Pro Online Raumplanung: Verwendung von PDF-Dateien	Fortgeschrittenes WLAN-Design-Praxisbeispiel: Krankenhaus	Fortgeschrittene Messtechniken: APoS (Vermessungen mit einem AP on a Stick)	API-Integrationen: Integrationen von AP-Herstellern und-Verkäufern
12:30 – 13:15	MITTAGESSEN			
13:15 – 15:00	Raumplanung: Verwendung von DWG-Dateien Raumplanung: Großobjekte	Fortgeschrittenes WLAN-Design-Praxisbeispiel: Universität	Umfassende WLAN-Analyse: Paketerfassung Umfassende WLAN-Analyse: Paketanalyse	ECSE Advanced Prüfung: Vorbereitung ECSE Advanced Prüfung: Praktischer Teil
15:00 – 15:15	PAUSE			
15:15 – 17:00	Fortgeschrittene WLAN-Design-Praxisbeispiele: Gemeinsame Merkmale	Fortgeschrittenes WLAN-Design-Praxisbeispiel: Stadium	Umfassende WLAN-Analyse: Spektrumanalyse	ECSE Advanced Prüfung: Multiple-Choice-Test