

ENTERPRISE WIRELESS MASTERY

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DSCI
PROMOTING DATA PROTECTION



Built for Engineers in the Field

Specifically designed for those who go beyond break-fix and want to own the design and delivery of enterprise wireless.



L2 Network Engineers

Engineers with 1–3 years hands-on wireless experience who have cleared the prerequisite and are targeting CCNP/CCIE certification paths.



Wireless Design Engineers

Those involved in pre-deployment RF surveys, campus architecture, and SDA integration who need structured real-world workflows.



Real-Time Ops Teams

NOC and operations professionals handling live enterprise wireless environments who need deeper troubleshooting and assurance skills.



Certification Aspirants

Professionals actively preparing for CCNP Wireless or CCIE Wireless seeking rigorous, scenario-based learning.

PROGRAM HIGHLIGHTS

What Sets This Program Apart

10

Core Modules

Full lifecycle coverage from design to assurance

100%

Lab-Based

Every module anchored in hands-on lab work

C9800

Live WLC Access

Real Catalyst 9800 controller environment

CCNP

Cert Ready

Mapped to CCNP & CCIE Wireless blueprints

10 Core Topic Areas

01 — C9800 WLC Implementation & Troubleshooting

Including Catalyst Centre (DNAC) integration and deep-dive controller operations.

02 — Quality of Service (QoS)

Design, marking, and policy enforcement across enterprise wireless infrastructure.

03 — 802.1x Authentication with Cisco ISE

Profiling, posture assessment, and dynamic VLAN assignment.

04 — Branch & Guest Solutions

Flex Connect, anchor WLC deployments, and captive portal configuration.

05 — Software Defined Access (SDA)

Wireless fabric integration, policy enforcement, and automation-ready architecture.

06 — Wireless Network Design

Real-world enterprise scenarios for capacity modelling and RF architecture.

07 — Catalyst Center Assurance

Dashboards, AI-driven insights, and health scores for live network visibility.

08 — Cisco Spaces

Location services, IoT integration, and intelligent building connectivity.

09 — RF Surveys with Ekahau

Predictive planning and post-deployment validation using industry-standard tooling.

10 — Wireless Technology Evolution

Wi-Fi 6E, Wi-Fi 7, and emerging enterprise wireless standards.



What You'll Walk Away With

Practical, deployable skills validated against real enterprise wireless challenges — not just theory.



Design Confidence

Architect enterprise wireless with RF planning, capacity modelling, and Ekahau documentation.



Security Mastery

Implement end-to-end 802.1x with Cisco ISE — profiling, posture, and dynamic VLAN for zero-trust wireless.



Operational Readiness

Use Cisco Spaces and Catalyst Centre dashboards to monitor and respond in live NOC and ops environments.



Troubleshooting Depth

Diagnose and resolve complex issues on C9800 using Catalyst Centre Assurance and real-time telemetry.



SDA Integration

Deploy wireless within SDA fabric environments with policy, segmentation, and automation-ready architecture.



Cert Path Alignment

Exam-relevant knowledge and lab experience mapped to CCNP Wireless and CCIE Wireless blueprints.

Full-Lifecycle Curriculum Coverage

Every module maps to a real enterprise deployment phase — from initial RF design through live assurance and security enforcement.

Design

RF planning, capacity modelling, Ekahau surveys



Assure

Catalyst Centre dashboards and AI insights



Deploy

C9800 WLC, SDA fabric, QoS, ISE 802.1x



Evolve

Wi-Fi 6E/7, Cisco Spaces, IoT integration

100% Lab-Based Learning

Every topic in the curriculum is reinforced through structured, hands-on lab exercises in a live enterprise-grade environment. No simulations — real equipment, real configs, real outcomes.

→ **Cisco Catalyst 9800 WLC**


Live controller access for implementation, policy config, and fault injection exercises.

→ **Ekahau RF Survey Tool**

Hands-on predictive planning and post-deployment heatmap validation.

→ **Catalyst Centre + Cisco ISE**

Full assurance dashboard access and live 802.1x policy enforcement scenarios.

-  Labs are scenario-driven and mimic real enterprise wireless challenges. Engineers leave with documented configurations and troubleshooting workflows they can apply immediately on the job.

CCNP & CCIE Wireless Alignment

The program is structured to accelerate your certification readiness. Curriculum topics map directly to CCNP Wireless and CCIE Wireless exam blueprints, with lab scenarios designed around real exam objectives.



Foundation Wireless + 1–3 Years Experience

Prerequisite verification required before enrollment.



CCNP Wireless Certification

Exam-ready with scenario-based lab experience and blueprint alignment.



AIMNXT Advanced Wireless Program

10-module, instructor-led, lab-intensive advanced track.



CCIE Wireless — Expert Track

Foundation for the CCIE lab exam and enterprise architecture roles.

Ready to Go From L2 to Enterprise Architect?

Join the next cohort and build the skills that enterprise wireless teams demand. Limited seats per cohort ensure hands-on lab access for every engineer.

Prerequisite Verification Required

Foundation Wireless completion and 1–3 years experience confirmed at enrollment.

Instructor-Led Delivery

Expert-guided sessions with live Q&A and real-world scenario walkthroughs.



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