

RADWIN Fixed Wireless Access (FWA) Professional Operation: Online Course

Part Numbers:

- Private: RW-8410-4011
- Public: RW-8410-4021

Prerequisites: RF fundamentals, Networking 101 or previous network experience

Course Duration: Five (5) days + one (1) day hands-on, thirty six (36) hours in total (including hands-on time)

Enrollment: Six (6) maximum (for more than 6, please contact Sales)

Target Audience:

- Distributors
- Partners
- System Integrators
- T1/T2 Support Engineers

Course Description:

This course introduces RADWIN's PtP and PtMP radio systems and supportive operation and management tools. The course is relevant for network operators who will be operating and maintaining RADWIN PtP and PtMP radio systems. This course introduces theoretical, operational, and practical aspects of RADWIN PtP and PtMP radio systems.

The course is delivered by RADWIN professional trainer via webinar. The hands-on is performed using RADWIN remote lab.

Certification Conditions:

Upon completing the course, the participants will receive certification, based on the successful fulfillment of the following conditions:

- The trainee must participate in all theoretical sessions and complete the hands-on training sessions.
- The participant must pass the final exam.
- The certification qualifies the installation, operation and maintenance of the products described in the course.
- The certification has a validity period of two (2) years. The certificate must be renewed upon expiration to maintain the qualification.
- To renew the certification, one must attend refreshment training and pass the re-certification exam.

Course Objectives:

Upon completing this course, participants will have a solid understanding of:

- The main principles of the RADWIN PtP and PtMP solutions
- The technology, features, and advantages
- RADWIN's PtP and PtMP system architecture, features, system components and associated functions
- The SW/HW compatibility and SW upgrade
- How to install, configure and troubleshoot PtP and PtMP links
- Site acceptance and commissioning process
- Site preparation and installation: best practices
- Estimate the link budget using RADWIN Link Budget Calculator (LBC)
- Design the PtP & PtMP network using WINPlan tool
- Manage and monitor the network using WINManage system
- RADWIN's services and support structure

Course Agenda¹

Time / Day	Day 1	Day 2	Day 3	Day 4	Day 5
09:00 – 09:30	Course opening & PRM Registration	Daily Recap	Daily Recap	Daily Recap	Daily Recap
09:30– 10:15	RADWIN PRM overview and sign-in	Network synchronization	MultiSector Introduction	WINManage introduction	WINPlan introduction
10:15 – 11:00	PtP & PtMP system introduction	PtMP Network deployment overview	IDU-S / Smart-Node overview	WINManage introduction	WINPlan introduction
11:00 – 11:15	Break				
11:15 – 12:00	RADWIN technology introduction	Installation and configuration – WEB UI HBS	Troubleshooting procedure	WINManage introduction	WINPlan introduction
12:00 – 12:45	Site planning	Installation and configuration – WEB UI HBS	R-Manager HBS installation and configuration	WINManage introduction	WINPlan introduction
12:45 – 13:00	Break				
13:00 – 13:45	PtP installation & configuration – WEB UI	RADWIN SU GUI & installation	Software & license upgrade procedure	WINManage introduction	RADWIN Services portfolio
13:45 - 14:30	PtP installation & configuration – R-Manager	SU WINTouch alignment	Channel Planning & LBC Overview	WINManage introduction	Q&A, summary and feedback
Hands-on session is performed in RADWIN remote lab and will be coordinated and scheduled upon completion of the theoretical sessions. Hands-on duration: up to 6 hours.					
Certification exam is performed using online examination system. The exam link will be sent to the course participants upon completion of the hands-on session.					

Provided Collaterals:

- PDF copies of the course presentations
- Video recordings of webinar sessions

Class Requirements:

- PC/Laptop for each participant
- Installation of webinar software on participant's PC/laptop
- Broadband internet connection
- Registration to RADWIN PRM

Remote lab system requirements:

- Stable internet connection
- Web browser (Chrome)
- Remote Desktop (RDP) client enabled
- Screen resolution: at least Full HD (1920x1080)

¹ Agenda may be subject to changes