

BROADBAND WIRELESS DIGITAL INSTALLER

PROGRAM DESCRIPTION

The Broadband Wireless Digital Installer program offers specialized training in wireless data center, fixed wireless, in-building wireless, and coaxial broadband infrastructure. It encompasses a range of topics including the installation and operation of data center services, with a focus on the latest 5G technologies, as well as distributed antenna architecture. Key aspects of the curriculum cover regulations and standards relevant to wireless technology, safety protocols including OSHA standards and RF/EME hazard awareness, and essential skills for working in wireless environments like authorized climbing and rigging operations.

In addition to technical skills, the program emphasizes the development of professional soft and hard skills, preparing students for various workplace scenarios. The course also includes detailed insights into LTE inspections and guidelines. Upon completion, students receive certification exam vouchers for the NCTI Applying Wi-Fi Technologies Certification, endorsing their proficiency in the field. They also are provided certification exam vouchers for certifications through JMA Wireless on antenna connector training. This concise program is tailored for those seeking a career in the evolving domain of wireless data center installations.

PROGRAM OBJECTIVE

The program objectives center around career readiness for individuals interested in joining the telecommunications industry as a data center, in-building wireless or distributed antenna system technician. Students are prepped through hands on practical and labs and provided certification vouchers to take certification exams through NCTI - specifically the Applying Wi-Fi Technologies certification.

PROGRAM BREAKDOWN

Course Code	Course Title	Clock Hours
17BB – 01W	Installing Data Center Services	16
17BB – 03W	Data Center System Operations	14
17BB – 04W	Installing Data Center Components	12
17BB – 11W	Installing 5G Data Center Technologies	14
19BW – 12	Regulations and Standards	8
19BW – 13	OSHA And Wireless RF/EME and Hazards	8
19BW – 14	Authorized Climber	12
19BW – 15	Soft and Hard Skills	8
19BW – 16	Rigging and Hoist Operation	12
19BW – 17	LTE Inspections and Guidelines	8
TOTAL:		112