

Digital Wireless Infrastructure Technician

Program Description: Rapid growth and expansion of 5G initiatives nationwide has placed demand on skilled workers to install and deploy 5G systems. Our Digital Wireless Infrastructure Technician program readies a student for a career in Wireless by providing the initial foundations of job site safety, industry fundamental knowledge and technical skills. The student will perform installation of 5G, antenna and small cell devices on multiple structures utilizing a number of industry standard tools and operating necessary equipment to complete defined statements of work. Upon completion of the course, students will be knowledgeable in industry safety standards, RF/EME standards and troubleshooting wireless systems built on fiber or coaxial backhaul.

Program Objective: Our Digital Wireless Infrastructure Technician program presents background information and installation practices pertaining to 5G, small cell and antenna system deployment on multiple structures. Students learn the fundamentals of active and passive wireless system design that connects people and businesses together in a blended online and hands on environment.

Duration: 229 hours

Program Tuition: \$10,000.00

Books: The cost of books is included in tuition

Prerequisites:

- Candidates should be over 18 years of age
- Have a valid driver's license.
- A high school Diploma or GED.
- Candidate Must be willing to travel out of market/state (50% travel minimum)
- Candidate Must be able to pass background, driving record, and drug testing
- Candidate Must be Fit for Duty (Carry 50-75 lbs.)
- Candidate should have no Fear of Heights. (Work is conducted 150-500 feet in the air)
- Basic mechanical skill is a plus
- Ability to work in the outdoor elements (Summer, Winter)
- Candidate must be under 225 lbs.

Courses Breakdown by Hours

Course Number	Course Title	Clock Hours	Delivery Method
19BF	Digital Wireless Infrastructure Technician	229 hrs.	(Online)
19BF – 12	Overview of Fiber Optic Applications and Installations	15	(Online)
19BF – 13	Communications Systems Utilizing Fiber Optics	15	(Online)
19BF – 14	Fiber Optic Components Appropriate for Fiber Optic Networks	15	(Online)
19BF – 16	Splicing and Termination	15	(Online)
19BW – 12	Regulations and Standards	15	(Online)
19BW – 13	OSHA and Wireless RF/EME And Hazards	15	(Online)
19BW – 14	Authorized Climber	24	(Online)
19BW – 15	Soft and Hard Skills	15	(Online)

19BW – 16	Rigging and Hoist Operation	15	(Online)
19BW – 17	LTE Inspections and Guidelines	15	(Online)
Elective Courses			
17SS - 60	Soft Skills Training for The Workplace 1	8	Lab (On-ground)
17SS - 61	Soft Skills Training for The Workplace 2	8	Lab (On-ground)
17SS - 62	Soft Skills Training for The Workplace 3	8	Lab (On-ground)
17SS - 63	Soft Skills Training for The Workplace 4	8	Lab (On-ground)
17PP - 70	Personal Performance Management 1	8	Lab (On-ground)
17PP - 71	Personal Performance Management 2	8	Lab (On-ground)
17PP - 72	Personal Performance Management 3	8	Lab (On-ground)
17PP - 73	Personal Performance Management 4	8	Lab (On-ground)
17PP - 74	Personal Performance Management 5	6	Lab (On-ground)

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