The National Urban League and Registered Apprenticeship Programs: The Future of Work

Approved Apprenticeable Occupations in Telecommunications

Telecom Tower Technician
Telecom Tower Technician (TT1, Interim Credential)
Telecom Tower Technician (TTT2)

Wireless Technician 1
(Interim Credential)
Wireless Technician 2

Telecommunications
Tower Antenna & Line Lead

Telecommunications
Tower Antenna & Line Foreman

Telecommunications
Tower Construction Lead

Telecommunications
Tower Construction Foreman

Maintenance & Condition
Assessment Lead (MCL)

Maintenance & Condition
Assessment Foreman (MCF)

Fiber Optic Technician (FOT)

Performs general construction activities with an emphasis on tower system installation and maintenance and inspection of existing support structures used in the provision of essential telecom systems, including personal wireless communications, public safety communications, utility networks & broadcasting.

O*NET-SOC Code: 49-2021.00 RAPIDS Code: 2030CB

Performs general installation, provisioning, maintenance, troubleshooting/fault isolation and restoration activities of essential wireless systems used in the provision of essential telecom systems, including personal wireless communications, public safety communications, utility networks & broadcasting.

O*NET-SOC Code: 49-2021.00 RAPIDS Code: 2030CB

Performs antenna and line installation, maintenance, and troubleshooting activities on structures in accordance with I(A)W installation design drawings and/or written Scope of Work (SOW).

O*NET-SOC Code: 49-2021.01 RAPIDS Code: 2053CB

Performs antenna and line installation, maintenance, and troubleshooting activities on structures in accordance with I(A)W installation design drawings and/or written Scope of Work (SOW).

O*NET-SOC Code: 49-2021.01 RAPIDS Code: 2054CB

Performs installation/erection, dismantling and/or dismantling and/or Telecomcommunications Industry Association (TIA) maintenance of telecom support structures in accordance with I(A)W installation design drawings and/or written Scope of Work (SOW).

O*NET-SOC Code: 49-2021.01 RAPIDS Code: 2053CB

Performs maintenance and condition assessments on antenna supporting structures in accordance with I(A)W, ANSI/TIA 222 and/or owner’s engineering representative. MCL covers assessment activities only and does not include any construction activities.

O*NET-SOC Code: 49-2021.00 RAPIDS Code: 2064CB

Performs maintenance and condition assessments on antenna supporting structures in accordance with I(A)W, ANSI/TIA 222 and/or owner’s engineering representative. Covers assessment activities only and does not include any construction activities.

O*NET-SOC Code: 49-2021.00 RAPIDS Code: 2065CB

For more information on creating a Registered Apprenticeship program, becoming a partner, or becoming an apprentice, email Brandi Pray, Manager, Workforce Development at bpray@nul.org.

Visit www.nulapprenticeships.org

About the NUL Consortium and Its Members

The Wireless Infrastructure Apprenticeship Access Initiative (WIAAI) is bridging the employment gap by exposing underrepresented populations to vocations that support and strengthen America’s wireless infrastructure, through Pre-Apprenticeships and Registered Apprenticeship.

www.nulapprenticeships.org

The National Urban League (NUL) is a historic civil rights organization dedicated to economic empowerment in order to elevate the standard of living in historically underserved communities. NUL serves as the WIAAI lead partner and will cultivate apprenticeship opportunities in the areas of seven of its Regional Affiliates. www.nul.org

The Multicultural Media, Telecom and Internet Council (MMTC) is a nonprofit organization with a 30-year track record of increasing diversity in media and telecommunications access, ownership, and employment. MMTC develops and implements the curriculum, technical assistance, and training and marketing material for DOL-approved occupations under the WIAAI Consortium, and conducts program evaluation.

The Wireless Infrastructure Association (WIA) is the principal trade association representing over 230 companies that build, own, upgrade, and maintain the U.S. wireless communications network. WIA’s role in the Consortium is to provide access to Registered Apprenticeships through identified and committed employers. www.wia.org

In partnership with...
Why Join a Registered Apprenticeship Program?

A Registered Apprenticeship Gives You:
- Improved skills and competencies that meet the specific needs of the employer
- Career advancement
- Post-secondary training without the debt
- On-the-job training and occupation-focused education
- Industry issued, nationally recognized credentials

About TIRAP
The Telecommunications Industry Registered Apprenticeship Program ("TIRAP") is a joint venture of telecommunications companies, industry associations and the U.S. Department of Labor ("DoL") that develops DoL-credentialed apprenticeship programs available to qualified employers for career development of the telecommunications workforce.

TIRAP’s mission is to partner with stakeholders to promote safety, enhance quality, and enable education and advancement opportunities in the telecommunications workforce that will meet network infrastructure buildout needs.

Role of National Sponsor
The Wireless Infrastructure Association (WIA) serves as the National Sponsor of TIRAP, coordinating the following activities with Employers.

Registration of Participating Employer
Registration of Participating Employer’s Apprentices
Monitoring of Participating Employer’s RA Programs
Monitoring of Participating Employer’s Apprentices
Reporting on RA Programs and RA Apprenticeships

Employer Participation Requirements
All apprenticeship programs consist of five components:

Direct Business Involvement
Employers are the foundation of every apprenticeship program, and the skills needed by their workforce are at the core.

On-The-Job Training
Every program includes structured on-the-job training (OJT). Apprentices get hands-on training from an experienced mentor at the job site for a minimum of one year.

Related Technical Instruction
Apprentices receive RTI that complements OJT. The RTI delivers the technical and academic competencies that apply to the job, and can be provided by a school or by the business itself.

Rewards for Skill Gains
Apprentices receive an increase in pay as their skills and knowledge increase. Progressive wage increases help reward and motivate apprentices as they advance through their training.

National Occupational Credential
Registered Apprenticeship Programs result in a nationally-recognized credential - a 100% guarantee to employers that apprentices are fully qualified for the job.

Why Diversify Your Apprenticeship Program?
Teams of mixed gender, ethnicity, physical ability, and other factors are more representative of customers. They offer a variety of viewpoints and a wider range of experience, which improves decision-making and problem-solving. A 2014 McKinsey study has linked a diverse and inclusive work environment with positive performance metrics, including productivity, profitability, quality, employee commitment, and retention. Diversity can improve the bottom line. Diversity combined with an inclusive work culture has an even greater impact on business outcomes.

The NUL Consortium’s role in preparing these underrepresented populations for positions in Registered Apprenticeship programs, combined with our diversity and inclusion training and assistance for employers, will help diversify the workforce in the telecommunications industry and beyond, close employment gaps, and improve companies’ bottom lines.