



Telecommunications
Industry Registered
Apprenticeship Program



REGISTERED APPRENTICESHIP PROGRAMS AND TIRAP OCCUPATIONS: A WORKFORCE DEVELOPMENT STRATEGY

About TIRAP

The Wireless Infrastructure Association (WIA) is the National Sponsor of the Telecommunications Industry Registered Apprenticeship Program (TIRAP), a DoL-registered apprenticeship program.

Since 2017, WIA has administered National Standards of Apprenticeship for DoL-approved occupations established under the program. Graduates receive national, industry-recognized credentials that certify occupation proficiency and expand opportunities for career advancement.

WIA supports participating employers in promoting consistency and uniformity in training across occupations to improve the safety and quality of the wireless workforce.

WHY JOIN A REGISTERED APPRENTICESHIP PROGRAM?

You can begin or transition to a new career with a registered apprenticeship program to engage in meaningful work, boost your earning potential, and develop new skills.

Paid Job – Earn as you learn as you develop new skills and responsibilities.

Credentials – Receive an industry-recognized and nationally portable credential.

Jumpstart Your Career – Ease the transition from school to career by working and learning at the same time.

Education – Gain workplace-relevant skills in the field of your choice through on-the-job-learning.

Mentorship – Connect with mentor(s) in your chosen industry who can help you advance your career.

EMPLOYER BENEFITS INCLUDE:

Skill Your Workforce – Recruit and develop a highly skilled workforce that helps you grow your business.

Positively Impact Your Bottom Line – Increase productivity, profitability, and your bottom line.

Reduce Turnover – Minimize cost with reduced turnover and liability.

Customize Your Training – Create flexible training options that ensure workers develop the right skills.

Retain Workers – 94% of apprentices continue employment after completing an apprenticeship.

Foster Diversity – Foster a diverse and inclusive culture.

How WIA Will Help You

WIA is your advocate and partner. We provide industry- and occupation-specific expertise within the telecommunications industry, coordinate partner responsibilities, and administer the program.

Our goal is to speed your adoption of apprenticeship, reduce your investment of time and resources, and ensure the training meets your needs for a qualified workforce.

For more information on building, expanding or diversifying your workforce through Registered Apprenticeship, contact:
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TIRAP-APPROVED APPRENTICEABLE OCCUPATIONS

<p>Telecommunication Tower Technician O*NET-SOC CODE: 49-2021.00 RTI: 160 Hours</p>	<p>Telecommunication Tower Technician is a member of a crew performing general construction activities with an emphasis on tower system installation and maintenance and inspection of existing support structures used in the provision of essential telecommunication systems, including personal wireless communications, public safety communications, utility networks, and broadcasting.</p>
<p>Wireless Technician (Level 1 & 2) O*NET-SOC CODE: 49-2021.00 RTI: 85 Hours</p>	<p>Wireless Technician is a member of a crew performing general installation, provisioning, maintenance, troubleshooting/fault isolation, and restoration activities of essential wireless systems used in the provision of essential telecommunication systems, including personal wireless communications, public safety communications, utility networks, and broadcasting.</p>
<p>Telecommunications Antenna & Line Lead O*NET-SOC CODE: 49-2021.01 RTI: 212 Hours</p>	<p>Telecommunications Tower Antenna & Line Lead (TAL) is a supervised member of a crew performing antenna and line installation, maintenance, and troubleshooting activities on structures in accordance with IAW installation design drawings and/or written scopes of work (SOW). Work performed must comply with all applicable industry standards and best practices. The TAL is authorized to supervise Telecommunication Tower Apprentice/Telecommunication Tower Technician (TTA/TTT) level crew members during the On-Job-Learning (OJL). The TAL may not act as a Competent Person for antenna and line install during this phase of education/training unless deemed competent by the employer for SOW. The TAL assists the Telecommunications Tower Antenna & Line Foreman (TAF) with successful completion of the SOW and may be assigned crew leadership duties.</p>
<p>Telecommunications Antenna & Line Foreman O*NET-SOC CODE: 49-2021.01 RTI: 137 Hours</p>	<p>Telecommunications Tower Antenna & Line Foreman (TAF) is a supervisor of a crew performing antenna and line installation, maintenance, and troubleshooting activities on elevated structures in accordance with IAW installation design drawings and/or written scopes of work. Work performed must comply with all applicable industry standards and best practices. The TAF is authorized to supervise Telecommunications Tower Technician (TTT) and Telecommunications Tower Antenna & Line Lead (TAL) level crew members during the OJL portion of their training.</p>
<p>Telecommunications Tower Construction Lead O*NET-SOC CODE: 49-2021.01 RTI: 223 Hours</p>	<p>Telecommunications Tower Construction Lead (TCL) is a supervised member of a crew performing installation/erection, dismantling and/or Telecommunications Industry Association (TIA) maintenance of Telecommunications support structures in accordance with IAW installation design drawings and/or written scopes of work (SOW). Work performed must comply with all applicable industry standards and best practices. The TCL is authorized to supervise Telecommunication Tower Apprentice /Telecommunication Tower Technician (TTA/TTT) level crew members during the OJL. The TCL may not act as a Competent Person for structure erection or dismantling during this phase of education/training unless deemed competent by the employer for the SOW. The TCL assists the Telecommunications Tower Construction Foreman (TCF) with successful completion of the SOW and may be assigned crew leadership duties.</p>
<p>Telecommunications Tower Construction Foreman O*NET-SOC CODE: 49-2021.01 RTI: 138 Hours</p>	<p>Telecommunications Tower Construction Foreman (TCF) is a supervisor of a crew performing installation, demolition, and/or maintenance on elevated structures in accordance with IAW installation design drawings and or written scopes of work. Work performed must comply with all applicable industry standards and best practices. The TCF is authorized to supervise Telecommunication Tower Apprentice/ Telecommunication Tower Technician (TTA/TTT) and Telecommunications Tower Construction Lead (TCL) level crew members during the on-job-learning portion of their training.</p>
<p>Maintenance & Condition Assessment Lead O*NET-SOC CODE: 49-2021.00 RTI: 102 Hours</p>	<p>Maintenance & Condition Assessment Lead (MCL) is a supervised member of a crew performing maintenance and condition assessments on antenna supporting structures in accordance with (IAW) ANSI/TIA 222 and/or owners engineering representative. The MCL is intended to cover assessment activities only and does not include any construction activities. Work performed must comply with all applicable industry standards and best practices. The MCL is authorized to supervise Telecommunication Tower Apprentice/Telecommunication Tower Technician (TTA/TTT) level crew members during the on-job-learning. The MCL may not act as a Competent Person for maintenance and condition assessments during this phase of education/training unless deemed competent by the employer for the scope of work (SOW). The MCL assists the Maintenance and Condition Foreman (MCF) with successful completion of the SOW and may be assigned crew leadership duties.</p>
<p>Maintenance & Condition Assessment Foreman O*NET-SOC CODE: 49-2021.00 RTI: 132 Hours</p>	<p>Maintenance & Condition Assessment Foreman (MCF) is a supervisor of a crew performing maintenance and condition assessments on antenna supporting structures in accordance with IAW ANSI/TIA 222 and/or owners engineering representative. The MCF is intended to cover assessment activities only and does not include any construction activities. Work performed must comply with all applicable industry standards and best practices. The MCF is authorized to supervise Telecommunication Tower Apprentice/Telecommunication Tower Technician (TTA/TTT) and TIA Maintenance & Condition Assessment Lead (MCL) level crew members during the on-job-learning portion of their training.</p>
<p>Fiber Optic Technician O*NET-SOC CODE: 49-2021.00 RTI: 170 Hours</p>	<p>The Fiber Optic Technician (FOT) is a member of a crew performing installation, troubleshooting, termination, splicing, testing, maintenance, and repair of fiber optic cables of essential telecommunication systems, including personal wireless communications, public safety communications, utility networks, and broadcasting. The FOT performs their job duties inside and outside of homes and buildings.</p>
<p>Underground Utility Installer Technician O*NET-SOC CODE: 49-9052.00 RTI: 156 Hours</p>	<p>The Underground Utility Installer Technician (UUIT) is a member of a crew with skills in the construction and maintenance of underground or buried telecom utility systems. The UUIT will use skills such as underground utility location, fiber optic technology, and industry regulations as part of their daily work routine. In addition, the UUIT may be required to operate underground equipment.</p>
<p>Overhead Utility Installer Technician O*NET-SOC CODE: 49-9052.00 RTI: 154 Hours</p>	<p>The Overhead Utility Installer Technician (OUIT) is a member of a crew with skills in the construction and maintenance of overhead telecom utility and broadband systems. Depending on the service provided, the OUIT will work with a wide variety of cabling, including fiber optic cable, as part of their daily work routine. In addition, the OUIT may be required to operate overhead equipment.</p>

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