



★ *Working Together For Jobs*

# ALASKA WORKS PARTNERSHIP

## Construction Education & Training

alaskaworks.org

## American Rescue Plan (ARP)

Municipality of Anchorage

July 1, 2021 to December 30, 2021

Alaska Works Partnership Inc. (AWP) is a non profit established in 1996 that provides apprenticeship outreach, hands-on pre-apprenticeship training, support services and career counseling to Alaskan's statewide. The trades training and outreach that AWP delivers leads to cross-industry careers in construction, oil & gas, mining, maritime and transportation.

### Municipality of Anchorage Alaska Works Programs:



The **Alaska Works Women in the Trades** Program was established in 2003 with the mission of providing trade related career awareness to Alaskan women and girls statewide. This program is primarily funded by the Alaska Department of Labor's State Training and Employment Program (STEP). This program gives AWP the ability to hold trainings that are for women and girls only and includes support services while in training like child care, transportation, meals, etc.



**Alaska's Helmets to Hardhats (H2H)**, serves veterans, transitioning service members, guard, reserves and spouses interested in trade related careers. H2H is a national program linking service members with apprenticeship programs related to their military careers. Alaska was the first state to fund it's own H2H program allowing AWP to do more than just link those who already have trade skills. AWP's H2H provides apprenticeship outreach, training opportunities to gain experience and support services to succeed in apprenticeship and trade related employment.



The **Anchorage Construction Academy (ACA)** is one of eight Alaska Construction Academies. AWP manages the three largest academies for the state; Anchorage, Mat-Su and Fairbanks, established in 2005 with funding from Alaska's Statewide Projects. Similar to AWP's other programs, the ACA is open to all municipality residents with a true interest in cross-industry training to gain employment or enter an apprenticeship program.

This informational report only includes information on Municipality of Anchorage residents and programs in the Municipality. Data does not show statewide data or success. Data for the dates of July 1, 2021 to December 2021 only (6 months).



# Outreach, Recruitment & Career Awareness

July 1, 2021 to December 30, 2021

From July to December 2021 Alaska Works Partnership held **42 outreach events** and presentations in the MOA for youth and adults. In addition to outreach events, each training we provide is started with a presentation on apprenticeship, employment opportunities in the trades, additional training opportunities and assigned a case manager to help them with their employment goals.

**Youth Presentations:** King Tech, Raven Home School, Alaska Military Youth Academy, Chugiak High School, East High School, West High School, Dimond High School, Covenant House (Field Trip / small project build)

**Transitioning Service Members:** An AWP representative provides a presentation on apprenticeship, training opportunities and trade related employment education to transitioning service members every Monday on base at JBER.

**Women in the Trades:** AWP hosts a quarterly after hours get together for women in the trades as well as women who are working towards a career in the trades. The purpose is to bring these women together for mentoring, networking and support.

**Job Center / Community Centers / Corrections:** Each month AWP provides an informational presentation and updates training recruitment flyers at Anchorage Midtown Job Center. AWP also updates flyers for training opportunities at the Mt. View Library, Mt. View Service Center, Hiland Correctional, McLaughlin, Cook Inlet Tribal Council, Covenant House, etc.

## **APPRENTICESHIP EXPO**

Alaska Works held its third annual Apprenticeship EXPO attended by over 500 youth and adults who participated in hands-on activities, met apprenticeship training coordinators and enjoyed lunch from Yeti Dog's. The event was our largest to date and continues to grow each year. The event was attended by youth from King Tech, West High, Benny Benson High, Covenant House, Service High, Bartlett High, East High, IDEA and Raven Home Schools, Clark Middle, Mat-Su Career Tech, Wasilla High, Palmer High, Palmer Middle, Lower Yukon, Anchorage Christian and Glacier View.

**National APPRENTICESHIP WEEK**  
NOVEMBER 15-21, 2021

# 2021 APPRENTICESHIP EXPO

10AM - 4PM  
TUESDAY, NOVEMBER 16TH

JOIN THE ALASKA WORKS TEAM IN CELEBRATING NATIONAL APPRENTICESHIP WEEK!

MEET MASTERS OF THE INDUSTRY TO LEARN ABOUT LOCAL CAREER AND TRAINING OPPORTUNITIES THROUGH MINI HANDS ON PROJECTS, SIMULATORS, VIDEOS AND MORE. ENJOY LIGHT SNACKS AND PRESENTATIONS FROM...

- CARPENTERS
- HEAVY EQUIPMENT OPERATORS
- SHEETMETAL WORKERS
- PLUMBERS
- IRONWORKERS
- LABORERS
- BOILERMAKERS
- TEAMSTERS
- PAINTERS
- ALASKA SAFETY ALLIANCE
- ELECTRICIANS
- MARITIME
- AVTEC
- MEDICAL
- DOT
- DEPARTMENT OF LABOR

ALASKAWORKS.ORG

**Jobs**  
ALASKA DEPARTMENT OF LABOR & WORKFORCE DEVELOPMENT

**MOUNTAINVIEW SERVICE CENTER**  
151 KLEVIN ST.  
ANCHORAGE, AK  
99508

ALASKA Works Partnership, Inc.

# 2021 Apprenticeship Expo





# Training Schedule

July 1, 2021 to December 30, 2021

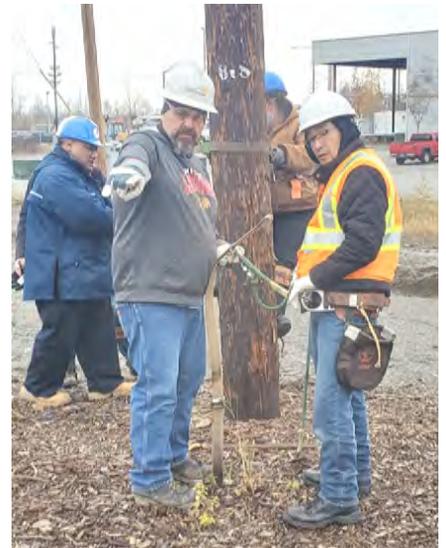
During the ARP funding period of six months, AWP **trained 177 MOA community members**. Sixty six (66) took more than one training, **243 certificates of completion** in total.

ANCHORAGE TRAINING (includes Chugiak)	START DATE	END DATE
<u>Plumbing, Pipefitting &amp; Welding</u>	Aug-23-21	Aug-27-21
<u>Electrical Wiring</u>	Aug-23-21	Aug-27-21
<u>Ironwork &amp; Welding</u>	Sep-20-21	Sep-24-21
<u>WIT Rigging, Piledriving &amp; Welding</u>	Sep-27-21	Oct-01-21
<u>Building Maintenance</u>	Sep-27-21	Oct-08-21
<u>Structural Welding</u>	Oct-04-21	Oct-08-21
<u>Telecommunications (Evening)</u>	Oct-11-21	Oct-21-21
<u>Blueprint Reading, Math &amp; Scaffold User</u>	Oct-11-21	Oct-15-21
<u>Basic Construction Math</u>	Oct-19-21	Oct-22-21
<u>Carpentry 1: (Evening)</u>	Oct-19-21	Oct-30-21
<u>Electrical Wiring</u>	Nov-01-21	Nov-05-21
<u>WIT Carpentry 1</u>	Nov-01-21	Nov-05-21
<u>WIT Structural Welding</u>	Nov-15-21	Nov-19-21
<u>Ironwork &amp; Welding (Evening)</u>	Dec-06-21	Dec-17-21
MAT-SU TRAINING (Wasilla & Palmer)	START DATE	END DATE
<u>WIT Heavy Equipment Operating</u>	Aug-02-21	Aug-06-21
<u>Heavy Equipment Operating</u>	Aug-09-21	Aug-13-21
<u>Heavy &amp; Light Duty Mechanics</u>	Aug-16-21	Aug-20-21
<u>Electrical Wiring</u>	Sep-13-21	Sep-17-21
<u>Blueprint Reading, Math &amp; OSHA 10</u>	Oct-11-21	Oct-15-21
<u>Carpentry 1</u>	Oct-25-21	Oct-29-21
Youth Classes	START DATE	END DATE
AMYA Trainings	Nov-29-21	Dec-10-21
Short Course Health & Safety	START DATE	END DATE
OSHA 10	Sep-21-21	Sep-22-21
First Aid / CPR & AED	Sep-23-21	Sep-23-21
First Aid / CPR / AED	Dec-07-21	Dec-07-21
First Aid / CPR & AED	Dec-08-21	Dec-08-21
First Aid / CPR & AED	Dec-08-21	Dec-08-21
OSHA 10	Dec-13-21	Dec-14-21



# Training our Community for **Jobs that Pay!**

July 1, 2021 to December 30, 2021



## COVID Work Ready

At the beginning of the pandemic AWP acted quickly and hired a team to develop a training that could be taken on-line providing essential workers and program participants the skills needed to be COVID Work Ready (CWR). The training is free to the public and can be found on our web site at [www.alaskaworks.org](http://www.alaskaworks.org) under the training tab. This training allowed AWP to continue training with only one month of training cancellations due to the pandemic. To date 1,265 community members have completed the CWR training.



# Participant Data

ARP funding, July 1, 2021 to December 30, 2021

Participant data collected between July 1, 2021 and December 30, 2021 on Municipality of Anchorage residents served by Alaska Works Partnership.

- **689** registrations / individual employment plans
  - **62%** ethnic minority
- Trained **177** individuals
- Provided **243** certificates
  - **94** Health and Safety (OSHA 10 & First Aid CPR / AED)
  - **149** Hands-On Trades Training
- Took more than one training **66**
- Helmets to Hardhats trained **20**
- Women trained **37**
- Received financial support services (child care, transportation, food) **21**
- Applied to Registered Apprenticeship after training **222** (current and past AWP participants who applied to apprenticeship during this period of time)
- Accepted into Registered Apprenticeship **78** (current and past AWP participants who were accepted into apprenticeship during this period)
- Gained Employment after training **26** (was unemployed at time of training)
- Earned a raise after training **23**

# AWP Statewide Participant Data

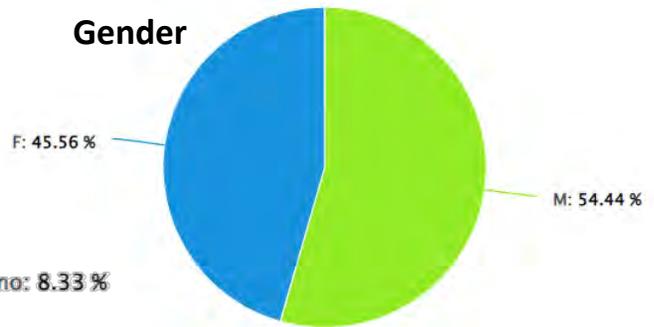
July 1, 2021 to March 30, 2022

Data based on all AWP Individual Employment Plans / Registrations 1374

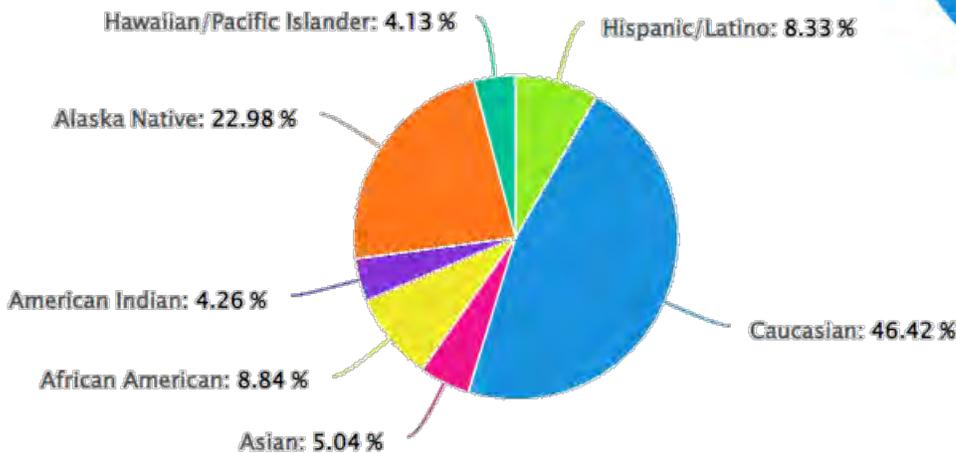
**Preferred Training Location**



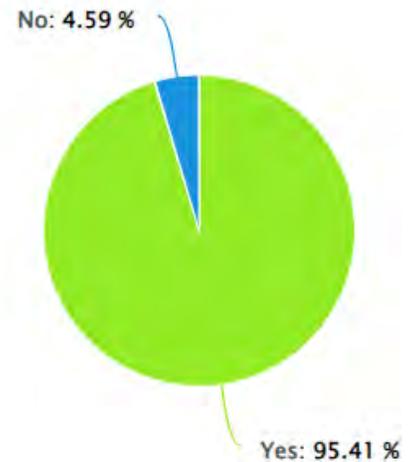
**Gender**



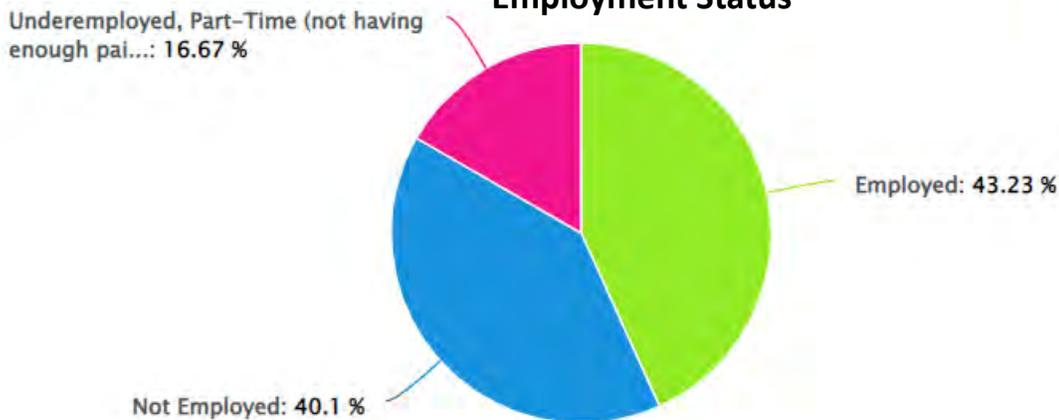
**Race**



**Plan on staying in Alaska**



**Employment Status**

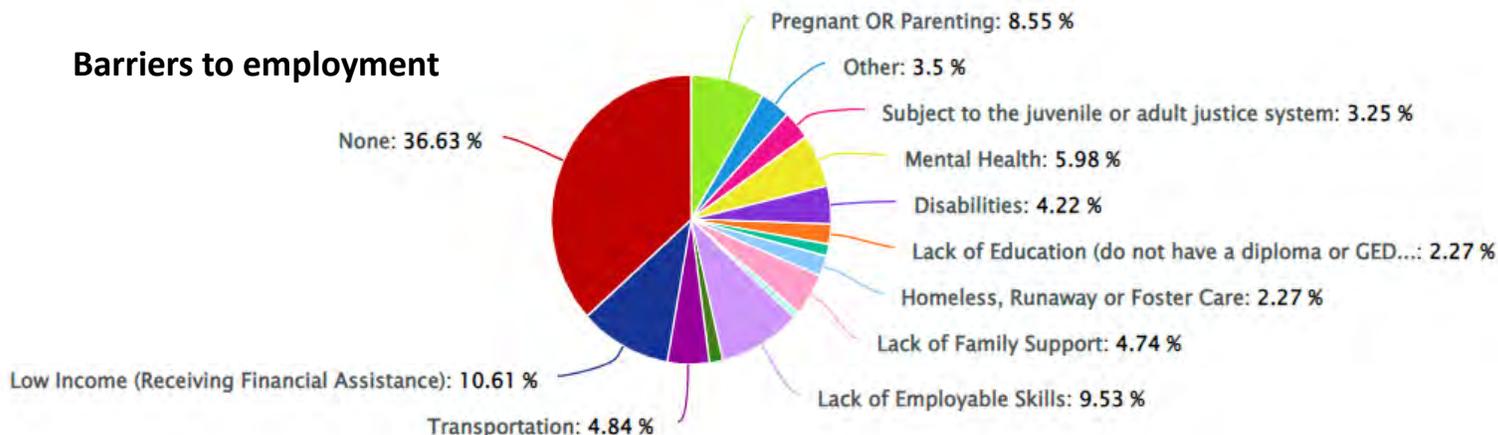


# AWP Statewide Participant Data

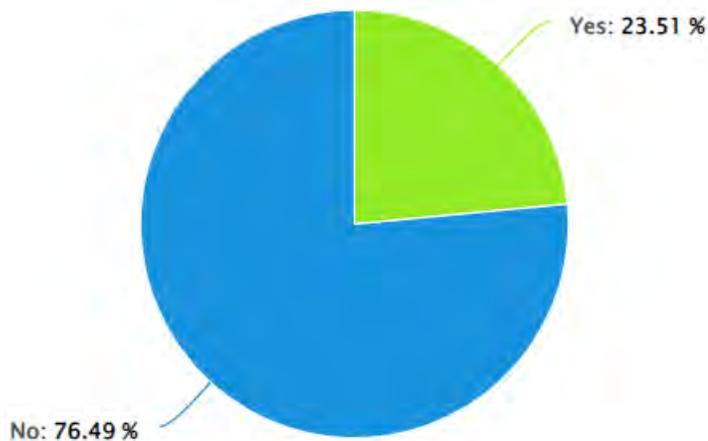
July 1, 2021 to March 30, 2022

Data based on all AWP Individual Employment Plans / Registrations 1374

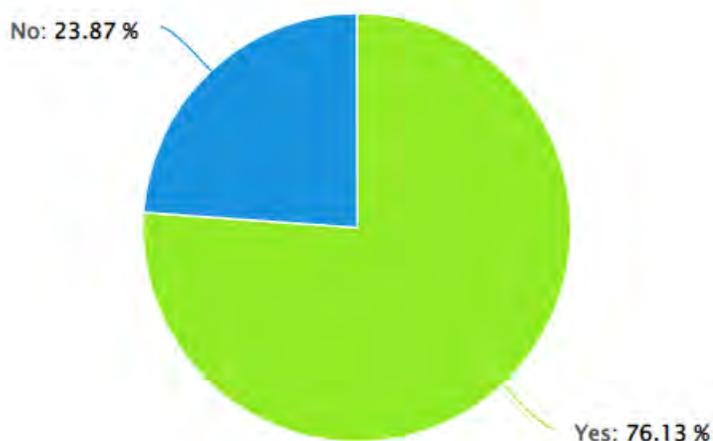
## Barriers to employment



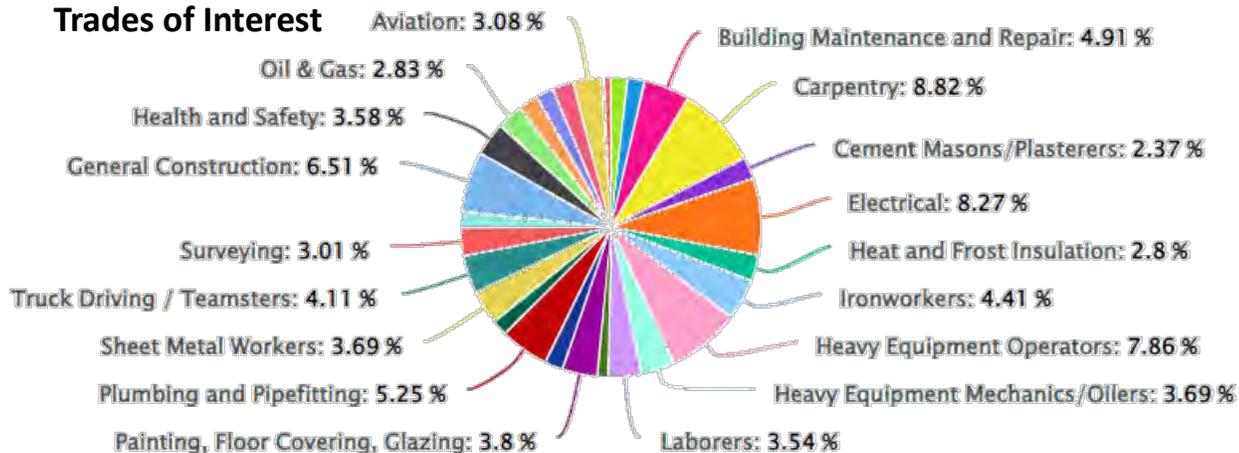
## Learned about careers in the trades and / or apprenticeship while in school (K-12)



## Drivers License



## Trades of Interest





★ *Working Together For Jobs*

# ALASKA WORKS PARTNERSHIP

## Construction Education & Training

alaskaworks.org

## Success

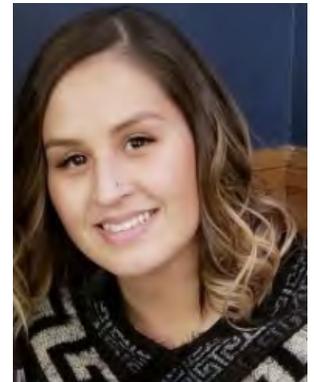
**Windy (Diana) Fields**



**Training received:** Electrical Wiring

**Success:** Windy came to us wanting more training under her belt for her current job as a Laborer. She successfully completed a 40-hour electrical wiring training, and was able to not only maintain her current employment, but also received a **raise in pay**. She now has the ability to work with electricians wiring fixtures and electrical systems. She is excited for her success, new knowledge, and better pay.

**Wanda Petitt**



**Training received:** General Laborers, Heavy Equipment Operating

**Success:** Wanda Petitt knew she was ready for a career change when she saw Alaska Works Partnership's training opportunities. After successfully completing an introduction to Laborers as well as a 40-hour training in heavy equipment operating, she solidified her desire to operate equipment. Wanda was **successfully accepted into a new career as an equipment operator**, and Alaska Works Partnership was able to assist her with purchasing her safety gear to get her started.

**Antonio Beckwith**



**Training received:** Building Maintenance, Carpentry, Heavy Equipment Operating, Shielded Metal Arc Welding, Telecommunications, First Aid/CPR/AED.

**Success:** A dual degree-holder in Criminal Justice as well as Paralegal Studies, Antonio states that the applicable jobs were not satisfying enough. After exploring the trades through Alaska Works, he found a desire to make a career as a Carpenter. After being **accepted into the Carpenters' apprenticeship**, Antonio wrote, *"Alaska Works was able to allow me to explore different trades of interest and help me find the one that suited me and my abilities."*

Alaska Works Partnership's programs are funded by grants awarded by the U.S. Department of Labor's Employment and Training Administration, the Alaska Department of Labor and Workforce Development and MOA ARP. Equal Opportunity Employer/Program Auxiliary aids and services are available upon request to individuals with disabilities.



★ *Working Together For Jobs*

# ALASKA WORKS PARTNERSHIP

## Construction Education & Training

alaskaworks.org

## Success

**Charlee Ruhl**



**Training received:** Telecommunications, Commercial Driver License

**Success:** Charlee Ruhl was already working as an Outside Plant Engineer when she decided to open more industry doors for herself. She was interested in a telecommunications apprenticeship opportunity, and wanted to be the best asset she could be. After successfully completing 40 hours of telecommunications training, she was **accepted into the Tel-Com apprenticeship**, and has since obtained her CDL. Charlee is committed to her career and credits Alaska Works for helping her achieve her goals.

**Training received:** Electrical Wiring

**Success:** Ethan Johnson gained interest in the electrical field after Alaska Works staff visited his school to speak about the training opportunities that were being offered. Ethan completed a 40-hour electrical wiring training and was marked as "Top 5." His instructor wrote, "...still in high school, but has a very bright future." After graduating, than immediately applied to the apprenticeship program where he was accepted. Ethan is now enjoying a **successful future as a wireman**.

**Ethan Johnson**



**Jared Ryon**



**Training received:** Plumbing, Ironwork & Welding, Building Maintenance, Blueprint Reading & Trades Math, Basic Construction Math, WorkKeys testing, First Aid/CPR/AED

**Success:** Jared was working at a restaurant when he heard about the opportunities that Alaska Works Partnership offered. Eager to explore the trades, he completed 7 different training opportunities before deciding on pursuing a career in Plumbing & Pipefitting. He was **accepted into the Plumbers apprenticeship program** and is now working toward new goals in his career.

Alaska Works Partnership's programs are funded by grants awarded by the U.S. Department of Labor's Employment and Training Administration, the Alaska Department of Labor and Workforce Development and MOA ARP . Equal Opportunity Employer/Program Auxiliary aids and services are available upon request to individuals with disabilities.



★ *Working Together For Jobs*

# ALASKA WORKS PARTNERSHIP

## Construction Education & Training

alaskaworks.org

## Success

### Seela Poasa



**Training received:** Carpentry, Blueprint Reading, Math & Scaffold User, Structural Welding, Interview Skills

**Success:** Seela came to Alaska Works knowing she wanted to get into an apprenticeship. Stepping away from the medical field, Seela explored a few different trades training opportunities before deciding on a **carpentry apprenticeship**. With her new skills that she learned with Alaska Works Partnership, she was a solid candidate. She **applied and has been accepted**; now on her way through a new journey.

**Training received:** Helmets to Hardhats (H2H) CDL Class A

**Success:** Having served his country in the U.S. Army as an artilleryman as well as a material examiner in the U.S. Air Force, David was set on forward motion. **With a Class A CDL**, David would be able to continue with missions across the installation and **make himself more competitive for promotion**. He completed training with other Veterans, and found the environment to be a, “very pleasant experience.” At no cost to David, he is now in a position to further his success.

### David Beaulieu



### Kiara Bush



**Training received:** Carpentry 1, Electrical Wiring, Interview Skills

**Success:** Kiara came to Alaska Works to explore the trades and find a career. Retail sales wasn't the right fit for her, and she knew she wanted more. After completing 40 hours of carpentry training, she followed up with 40 hours of electrical wiring training, and knew immediately that wiring was her niche. After completing the wiring training, she **applied to the IBEW**. She interviewed well and **was accepted** into the IBEW's wireman program. Kiara is excited to begin her new journey with the IBEW and is ready to enjoy a new career!

Alaska Works Partnership's programs are funded by grants awarded by the U.S. Department of Labor's Employment and Training Administration, the Alaska Department of Labor and Workforce Development and MOA ARP. Equal Opportunity Employer/Program Auxiliary aids and services are available upon request to individuals with disabilities.



★ Working Together For Jobs

**ALASKA WORKS PARTNERSHIP**  
Construction Education & Training

alaskaworks.org

# Training Schedule

**Training for Jobs that Pay!**

Career training at **NO** cost to you!

## Alaska Construction Academies (ACA)

Space is limited, apply online now at [www.alaskaworks.org](http://www.alaskaworks.org)

ANCHORAGE TRAININGS	START DATE	END DATE	TIMES
Laborers Field Challenge (Chugiak)	Apr-04-22	Apr-08-22	Monday - Friday 8AM to 4:30PM
*WIT Ironwork & Welding	Apr-04-22	Apr-08-22	Monday - Friday 8AM to 4:30PM
*Carpentry 1	Apr-11-22	Apr-15-22	Monday - Friday 8AM to 4:30PM
**Blueprint Reading, Math & Scaffold User	Apr-18-22	Apr-22-22	Monday - Friday 8AM to 4:30PM
*Sheet Metal & HVAC	Apr-18-22	Apr-22-22	Monday - Friday 8AM to 4:30PM
Carpentry 2	Apr-25-22	Apr-29-22	Monday - Friday 8AM to 4:30PM
*Electrical Wiring	Apr-25-22	Apr-29-22	Monday - Friday 8AM to 4:30PM
*WIT Electrical Wiring	May-09-22	May-13-22	Monday - Friday 8AM to 4:30PM
**WIT Blueprint Reading, Math & Scaffold User	Jun-06-22	Jun-10-22	Monday - Friday 8AM to 4:30PM
*WIT Construction Driver	Jun-06-22	Jun-17-22	Monday - Friday 8AM to 5PM
MAT-SU VALLEY TRAININGS	START DATE	END DATE	TIMES
*Electrical Wiring	Apr-18-22	Apr-22-22	Monday - Friday 8AM to 4:30PM
Heavy & Light Duty Service Oilers	Apr-18-22	Apr-22-22	Monday - Friday 8AM to 5PM
*Heavy & Light Duty Mechanics	Apr-25-22	Apr-29-22	Monday - Friday 8AM to 5PM
**Blueprint Reading, Math & Scaffold User	May-02-22	May-06-22	Monday - Friday 8AM to 4:30PM
Carpentry 2	May-09-22	May-13-22	Monday - Friday 8AM to 4:30PM
Metal Studs Framing, Sheetrock & Taping	May-16-22	May-27-22	Monday - Friday 8AM to 4:30PM
*Ironwork & Welding	May-23-22	May-27-22	Monday - Friday 8AM to 4:30PM
H2H Telecommunications	May-23-22	May-27-22	Monday - Friday 8AM to 4:30PM
YOUTH TRAINING	START DATE	END DATE	TIMES
*Ironwork & Welding - ASD—ANC	May-23-22	May-27-22	Monday - Friday 8AM to 5PM
*Plumbing, Pipefitting & Welding - ASD—ANC	Jun-06-22	Jun-10-22	Monday - Friday 8AM to 5PM
*Electrical Wiring - ASD—ANC	Jun-06-22	Jun-10-22	Monday - Friday 8AM to 5PM
Girls Build-Up: Power Tools - ASD—ANC	Jun-06-22	Jun-10-22	Monday - Friday 8AM to 5PM
Girls Build-Up: Plumbing, Welding, Electrical & Power Lines - ASD—ANC	Jun-13-22	Jun-17-22	Monday - Friday 8AM to 5PM
Telecommunications - ASD—ANC	Jun-13-22	Jun-17-22	Monday - Friday 8AM to 5PM
Structural Welding - ASD—ANC	Jun-13-22	Jun-17-22	Monday - Friday 8AM to 5PM

\*Trades basic skills training. \*\*Trade Ready Training. Trainings that are part of a Quality Pre–Apprenticeship (QPA) Program. See the QPA Framework on our website for more Information under the Apprenticeship tab.

(WIT) Women in the Trades: Training for Women interested in non traditional careers in the trades.

(H2H) Helmets to Hardhats: Training and career support for Veterans, Transitioning Soldiers.

**Anchorage Training Center**  
161 Klewin St. Suite 204  
Anchorage, AK 99508



More trainings are added regularly, to receive updates in your community visit our website at [www.alaskaworks.org](http://www.alaskaworks.org) and go to our

Subscribe Here tab or scan this QR code »





## TRAINING DESCRIPTIONS

[www.alaskaworks.org](http://www.alaskaworks.org)

### H2H: Helmets to Hardhats. WIT: Women in the Trades

**\*\*Advanced Construction Math:** This class will cover addition and subtraction of fractions, review of fraction and decimal conversions. Use of Pythagorean theorem, ratio and proportion, right triangle, squaring lines, and stair math.

**\*\*Basic Construction Math:** This class will cover the basic operations of addition, subtraction, multiplication, and division. Be able to convert decimals to fractions so you can read it on a measuring tape. Be able to recognize patterns, understand order of operations and rounding in construction math.

**\*\*Blueprint Reading:** Training covers basic residential print reading skills, abbreviations, plot plans, foundation plans, floor plans, exterior elevations, section views, details, framing plans, door & window schedules, finish schedules, and specifications.

**\*Building Maintenance:** Training covers building maintenance and repair items such as: door hardware/trim, flooring basics, sheetrock patching and repair, basic plumbing and electrical.

**\*Carpentry 1:** Training covers the basics of carpentry and trades math. Accurate reading and use of tape measure, hammer, saw, 3-4-5 layout method, and safe use of hand and power tools. Using skills learned in class, participants build the following projects: a foot stool, and a set of stairs to a platform. Construction site education, safety, and carpenter expectations also covered.

**Carpentry 2:** Training with classroom instruction and hands-on covers the following: builders level, floor construction, exterior wall framing with windows and doors, and a gable roof. Students apply the skills they learn by building a miniature house.

**\*Commercial Driver CDL-Class A (H2H Only):** Participants must already have their CDL permit: This 2 week training will be the fundamentals of driving a tractor-trailer and get industry experience. CDL driving test given on last day for licensing.

**\*Electrical Wiring:** Training covers: Basic electrical theory, electrical code, blueprints, and tool safety. Hands-on training includes; wiring of switches, GFCI receptacles, duplex receptacles, panels, 3-way and 4-way switches, bending EMT and rigid conduit. Students apply the skills they learn by assembling and wiring a lamp with a light switch, outlets, and USB receptacles.

**\*\*First Aid/CPR/AED (Former Students only):** Combines adult CPR, AED, and first aid training in a program designed for the occupational first aid provider. This comprehensive program meets OSHA and other federal and state regulatory requirements for training people how to respond and care for medical emergencies at work.

**Heavy & Light Duty Mechanics:** Training covers instruction into Heavy Duty Diesel Mechanics. Modules include: hydraulics, drivetrains, fuel systems, exhaust systems, electrical functions, and troubleshooting techniques. The proper use of tools and jobsite safety will be included in the instruction.

**\*Heavy Equipment Operators:** Training covers class room instruction in the Alaska Safety hand book, Camps & Safety Orientation, Environmental Excellence, Hazard Communication, Hazwopper Awareness, Personal Protective Equipment, Hydrogen Sulfide, and includes Hands-on practice on heavy equipment including; Hydraulic Excavator, Dozer & Front-end Loader. Equipment training covers how to conduct pre-operational 360° walk-arounds, control familiarization, basic equipment functions, basic operating techniques and safety rules and practices.

**Intro to North Slope Pipeline Construction: (Fairbanks Only)** Training with classroom instruction and hands-on training includes an introduction to pipeline construction and the various types of work that Construction Craft Laborers are responsible for. May include basic hoisting and rigging, scaffolding, insulation of pipe among many other job duties performed when working on the Trans Alaska Pipeline System or in the North Slope oil fields.

**Intro to Pipelaying: (Chugiak)** Training with classroom instruction and hands-on training includes an introduction to the installation of water, sewer, and storm drain utilities. Basic skills in tool use and how the utilities work.

**\*Ironwork & Welding (Welding - Fairbanks):** Training with classroom instruction and hands-on training includes; Vertical and horizontal stick welding, oxygen and acetylene cutting, hands-on tools and materials, hazard awareness, work site safety. Identify and use safe welding practices, identify joint design and fit-up, set up a welding machine, and identify electrode selection. Participants learn basic rebar wire tying and reinforcing practices, basic structural ironworking and rigging practices, and basic rough terrain forklift operation and hand signals.

**Laborers Field Challenge:** Participants will be split up into three groups that will include several physically demanding activities for two full days. The activities are structured to give the applicant a true understanding of the type of work that Laborers are responsible for on construction jobsites. Applicants must be in good physical condition to complete these timed, hands-on activities, which include carrying concrete blocks 100' and properly stacking them, erecting and tearing down scaffolding, moving two cubic yards of material by wheelbarrow, and digging a trench with a pick and shovel.

**Metal Studs Framing / Sheetrock & Taping:** Training covers the basics of carpentry and trades math. Accurate reading and use of a tape measure, 3-4-5 layout method and safe use of power tools. Hands-on covers layout and framing of walls which will be attached at partitions and squared. Material handling, storage, layout, cutting, application and installation of sheetrock, proper application of joint compound, tape and corner bead, and patch/repair of sheetrock.

**\*\*OSHA 10 (Former Students only):** Provides entry level construction workers information about their rights and employer responsibilities and how to file a complaint. Emphasizes how to identify, abate, control, avoid and prevent job related hazards on a construction site. Covers a variety of construction safety and health hazards which a worker may come across on a construction site as well as personal protective equipment (PPE).

**Pipefitter Welding (Fairbanks only):** Training covers hazard recognition associated with welding and cutting applications, basic understanding of pipeline terminology, introduction to cutting and beveling, introduction to trade mathematics (algebra, geometry and trigonometry), and introduction in SMAW, MIG, TIG and SAW welding processes.

**\*Plumbing, Pipefitting & Welding (Anchorage only):** Training covers: Soldering and brazing, oxy acetylene torch set-up and cutting, pipe threading, pro-press fittings and methods of joining. Introduction to SMAW welding metallurgy. Introduction to waste, drainage, vent fittings, soil pipe methods of joining and cutting, plumbing fixtures and roof drains, plumbing and pipefitting tools, pipe beveling, Oakie Beveller and Tri-Tool. Introduction to hangers, supports, valves and use of ladders, and introduction to hangers, supports, valves and use of ladders, and introduction to plumbing codes.

**Power Tools:** Training covers: The ability to quickly and accurately use a tape measure, and the general safety, size, types, marking and cutting of lumber. Proper and safe use of a handsaw, hammer and various hand tools. Safety, operation and proper use of a variety of power tools used in the construction industry including; Orbital sander, finish sander, compound miter saw, router, jig saw, kreg jig, drill, impact driver, and belt sander. Students will construct several small projects and complete tasks using various power tools.

**Residential Wood Framing (Fairbanks only):** Training covers layout for wood framing using 16 & 24-inch O.C. layout, design placement and use of wall framing, door and window components. Conventional gable roof framing techniques are also covered for wood rafters, ceiling joist, lookouts, barge rafters and roof sheathing.

**Rigging & Piledriving:** Training covers the basics of the Piledriving trade including; safe hoisting & rigging techniques, universal hand signals, rigging mathematics, types of pile, welding & splicing, cast in place concrete, & the daily rigors of a Piledriver.

**Scaffold User (Former Students only):** This training covers correct procedures for erecting, disassembling, moving, operating, maintaining and inspecting scaffold, proper use and handling of material on the scaffold, fall protection, falling object protection, and the associated safety wear.

**\*Sheet Metal & HVAC:** Training covers the basics of Sheet Metal Work. Learn to build 3-D objects from flat sheets of metal. Learn about HVAC systems and how to fabricate and install ductwork. Use your brain to calculate cut sizes, your hands to fabricate intricate sheet metal pieces and your brawn to install the piece where it belongs.

**Sheetrock & Taping:** Training covers materials, handling, storage, layout, cutting, application, and installation of sheetrock (drywall). Students exhibit their learned skills through the proper application of joint compound, tape, and corner bead to provide finished appearance to sheetrock.

**Structural Welding:** This introduction to welding workshop starts with safety first. Using an oxy-acetylene torch, students learn how to cut, prep, and fit metal test coupons. Students will then practice and test their skills with structural welding in multiple positions using the Shielded Metal Arc (SMAW) and Flux-Cored ARC (FCAW) welding processes.

**Telecommunications:** Training covers exposure to basic principles in the telecommunications industry including: central office operations, outside plant line and splicing work, installation and repair, data and key/pbx, simple termination and testing of category 5E cabling, network interface device installation techniques, block terminations, basic AC/DC theory as it relates to telecommunications, and principles of light and fiber optics.

**Welding Fabrication:** Training covers the techniques used in the maintenance and repair of heavy equipment. Participants will learn and practice the safe process of oxy-acetylene cutting and arc welding as well as the proper use of tools and jobsite safety.

\*Trades basic skills training. \*\*Trade Ready Training. Trainings that are part of a Quality Pre–Apprenticeship (QPA) Program.

See the QPA Framework on our website for more information under the Apprenticeship tab.

**H2H: Helmets to Hardhats. WIT: Women in the Trades**



Alaska Works Partnership is an equal opportunity program. Funding is provided by the Alaska Department of Labor & Workforce Development.

Alaska Works Partnership's programs are funded by grants awarded by the U.S. Department of Labor's Employment and Training Administration, and the Alaska Department of Labor and Workforce Development. The following Alaska Works programs are 100% federally funded: TET DWG, WIOA Youth, and WIA SWP Adult. They are currently: 38%, 9%, and 6% of the awarded amounts to AWP. The following Alaska Works Programs are 100% State funded: Construction Academies, STEP H2H, and STEP Women in the Trades. They are currently: 26%, 6%, and 14% of awarded amounts to AWP. Equal Opportunity Employer/Program Auxiliary aids and services are available upon request to individuals with disabilities.

**APPRENTICESHIP REQUIREMENTS • TRAINING INFORMATION • WAGE RATES**

 <b>ALASKA WORKS PARTNERSHIP</b> Construction Education & Training <a href="http://alaskaworks.org">alaskaworks.org</a>	<b>CONSTRUCTION TRADE APPRENTICESHIPS &amp; CONTACT INFORMATION</b> Phone Number		AGE	EDUCATION	RESIDENCY	TERM OF APPRENTICE		TRADE RELATED INSTRUCTION (CLASSROOM)		WAGE INFORMATION			
			Without Military or Related Work Experience	High School Diploma or GED	Minimum One Year	Approx. Years	Hours	Number Weeks 1st Class	Additional Each Year	Estimated Starting Wage Per Hour	% Journeyman Pay	Raise in Pay as Indicated	Journeyman Wage Per Hour
<b>BOILERMAKERS</b>		563-1280	18+	X	X	4	6,000	8	144 hrs per year	\$32.32	70%	1st: 500 hrs. 2nd: 1,000 hrs. 3rd: 1,500 hrs. 4th: 1,000 hrs.	\$46.17
<b>BRICKLAYERS</b>		277-5133	18+	X	X	4	6,000	8	144 hrs per year	\$20.41	50%	1st: 500 hrs. 2nd: 1,000 hrs. 3rd: 1,500 hrs. 4th: 1,000 hrs.	\$40.81
<b>CARPENTER</b>	Anchorage	344-1541	18+	X		4	7,000	6		\$23.00	60%	875 hrs.	\$38.34
<b>CARPENTER</b>	Fairbanks	452-4626	18+	X		4	7,000	6		\$23.00	60%	875 hrs.	\$38.34
<b>CARPENTERS / SCAFFOLDING</b>	Anchorage	344-1541	18+	X		4	7,000	4		\$18.36	60%	1750 hrs.	\$30.60
<b>CEMENT MASON / PLASTERER</b> a- Anchorage b- Fairbanks (867)atc@alaskan.net	Fairbanks	272-5113 322-3399	18+	X	X	4	4,000	144 hrs per year		a- \$22.58/\$22.73 b- \$22.73/\$22.88	60%	1,000 hrs.	a- \$37.63/\$37.88 b- \$37.88/\$38.13
<b>ELECTRICAL LINEMAN ***</b> Outside (Anchorage & Fairbanks) \$25.00 Application Fee	Anchorage Fairbanks	337-9508 479-4449	18+	HS/GED + 1 year Algebra 1 (other math options available)		4	8,000	8		\$28.00	50%	1,000 hrs.	\$56.04
<b>ELECTRICAL WIREMAN</b> Inside (Anchorage & Fairbanks) \$25.00 Application Fee	Anchorage Fairbanks	337-9508 479-4449	18+	HS/GED + 1 year Algebra 1 (other math options available)		4	8,000	7		\$20.47	50%	1,000 hrs. After 1st 2,000 hrs	\$40.94
<b>TELECOMMUNICATIONS TECHNICIAN ***</b> Outside \$25.00 Application Fee	Anchorage Fairbanks	337-9508 479-4449	18+	HS/GED + 1 year Algebra 1 (other math options available)		4	8,000	8		\$24.39	50%	1,000 hrs.	\$48.78
<b>TELECOMMUNICATIONS TECHNICIAN</b> Inside \$25.00 Application Fee	Anchorage Fairbanks	337-9508 479-4449	18+	HS/GED + 1 year Algebra 1 (other math options available)		4	8,000	8		\$19.76	50%	1,000 hrs. After 1st 2,000 hrs	\$39.52
<b>LINE CLEARANCE TREE TRIMMER</b> \$25.00 Application Fee	Anchorage Fairbanks	337-9508 479-4449	18+	HS/GED + 1 year Algebra 1 (other math options available)		2	4,000	N/A		\$18.65	50%	1,000 hrs.	\$37.30
<b>HEAT AND FROST INSULATORS</b>	Statewide out of Washington	206-812-0777	18+	HS/GED or Transcripts	AK Drivers License	4	6,400	144 hrs per year		\$23.21	60%	1,600 hrs.	\$38.68
<b>IRON WORKER ***</b>		563-4766	18+	X	X	4	6,000	204 hrs per year		\$23.25	60%	1,500 hrs.	\$38.75
<b>LABORERS</b> (Alaska Laborers Training School)	Anchorage Fairbanks Juneau	345-3853 452-3146 586-2860	18+	X	X	4	5,100	144 hrs per year		\$19.03	60%	10% 1,000 hrs.	\$30.71
<b>MILLWRIGHT</b>	Anchorage	344-1541	18+	X		4	8,000	160 hrs per year		\$21.89	60%	1,000 hrs.	\$36.49
<b>OPERATING ENGINEER</b> Operating / Mechanic / Service Oilers \$30.00 Application Fee	Anchorage Fairbanks	746-3117 456-5421	18+	12th/GED + Work Keys	AK Driver License & Residency by start of program	3 to 5	5,000 - 8,000	10-12 weeks	80 hrs per year	\$24.32 - \$26.34	60-65%	1,000 hrs.	\$41.53
<b>PAINTERS &amp; ALLIED TRADES: Commercial Painter (a) &amp; Industrial Coater (b) Drywall Finisher (c) &amp; Floor Coverers (d)</b> wages vary for Painters & Tapers in Fairbanks		562-8847	18+	X	AK Driver License	3	6,000	144 hrs per year		\$18.96-a \$18.96-b \$18.90-c \$20.00-d	60% 60% 60% 50%	500 to 1,500 hrs.	\$31.68-a \$31.68-b \$31.58-c \$40.00-d
<b>PAINTERS &amp; ALLIED TRADES (Glazier)</b>		562-8847	18+	X	AK Driver License	4	8,000	144 hrs per year		\$21.86	55%	1,000 to 1,500 hrs	\$39.85
<b>PILEDRIVERS &amp; COMMERCIAL DIVERS</b>		344-1541	18+	X		4	5,200	160 hrs per year	4 weeks as required	\$23.00	60%	1,300 hrs.	\$38.34
<b>PLUMBERS and STEAMFITTERS</b> (Anchorage)		562-2890	18+	HS/GED + WorkKeys		5	10,000	6		\$20.00	50%	2,000 hrs.	\$40.00
<b>PLUMBERS and PIPEFITTERS</b> (Fairbanks) Application Fee	\$25.00	456-5989	18+	HS/GED + WorkKeys		5	8,000 - 10,000	10 weeks	7-8 weeks	\$20.90	50%	1 year	\$41.91
<b>PLUMBERS AND PIPEFITTERS</b> (Juneau)		586-2874	18+	HS/GED + WorkKeys	X	5	10,000	6		\$19.41	50%	1,000 hrs.	\$38.82
<b>SHEET METAL WORKERS</b> (Anchorage)		277-5367	18+	HS/GED + WorkKeys	AK Driver License	4	8,000	240 hrs per year		\$21.88	50%	1,000 hrs.	\$43.75
<b>SHEET METAL WORKERS</b> (Fairbanks)		452-3864	18+	HS/GED + WorkKeys	X	4	8,000	240 hrs per year		\$24.52	50%	1,000 hrs.	\$49.04
<b>TEAMSTER</b> (Freight Transport Driver)		278-3674	21+	HS/GED + WorkKeys	AK Drivers License for 30 Days	2	2,000	6 weeks	144 hrs per year	\$20.70	80%	500 hrs.	\$25.88
<b>TEAMSTER</b> (Surveyor Assistant)		278-3674	18+	HS/GED + WorkKeys	AK Drivers License for 30 Days	4	4,000	4 weeks	144 hrs per year	\$19.96	60%	1,000 hrs.	\$33.26
<b>TEAMSTER</b> (Logistic Technician)		278-3674	19+	HS/GED + WorkKeys	AK Drivers License for 30 Days	2	4,000	144 hrs per year		\$20.50	60%	1,000 hrs.	\$34.17
<b>TEAMSTER</b> (Construction Driver) a- North Slope b-Construction		278-3674	19+	HS/GED + WorkKeys	AK Drivers License for 30 Days	3	4,000	12 weeks	144 hrs per year	\$20.50	60%	1,000 hrs.	a- \$34.67 \$34.17 b

Apprenticeship Outreach • Helmets to Hardhats • Construction Training • Women in the Trades

[www.alaskaworks.org](http://www.alaskaworks.org)

★ Color Blindness testing required \*\*\* Required to work at Heights

This information is subject to change by individual J.A.T.C.'s at any time.

# FREE Hands-On Summer 2022 Training For Anchorage School District Students



## Ironwork & Welding

8am - 4:30pm Monday - Friday  
May 23 - 27



## Plumbing, Pipefitting & Welding

8am - 4:30pm Monday - Friday  
June 6 - 10



## Electrical Wiring

8am - 4:30pm Monday - Friday  
June 6 - 10



## Girls Build Up (Power Tools)

8am - 4:30pm Monday - Friday  
June 6 - 10



## Girls Build Up (Plumbing & Welding, Electrical & Powerlines)

8am - 4:30pm Monday - Friday  
June 13 - 17



## Telecommunications

8am - 4:30pm Monday - Friday  
June 13 - 17



## Structural Welding

8am - 4:30pm Monday - Friday  
June 13 - 17



Explore the industrial trades  
and learn relevant, basic skills  
from masters in the industry!



Space is limited,  
apply today at  
[alaskaworks.org](http://alaskaworks.org)



# FREE Electrical Wiring Training



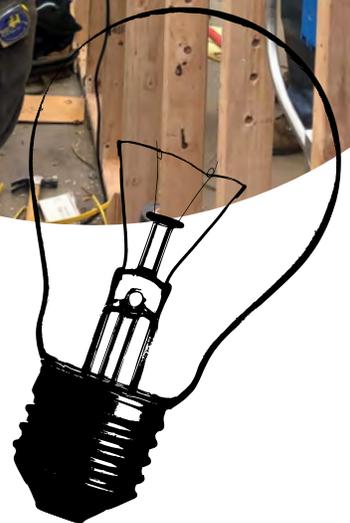
---

**Anchorage**  
**Monday - Friday**  
**8am - 4:30pm**  
**April 25 - 29**

---

## What You Will Learn:

- Basic electrical theory and code
- Construction site and tool safety
- Hands on wiring of switches and bending conduit
- Hands on building project
- Skills to earn high paying job
- Electrical apprenticeship and career pathways



Questions?  
(907) 569-4728  
hannah@alaskaworks.org



Apply online at  
[alaskaworks.org](http://alaskaworks.org)  
or scan QR Code





**Alaska  
Works  
Partnership**

# HEALTH & SAFETY TRAINING

***ANCHORAGE***

For Previous Course Completers Only



ALASKA DEPARTMENT OF LABOR  
& WORKFORCE DEVELOPMENT

**FIRST AID/CPR/AED  
(Evenings)**

**5:30 PM - 9 PM**

**Thursday, April 21**

**OSHA 10 (Evenings)**

**5:30 PM - 9 PM**

**Tuesday, May 10 -  
Thursday, May 12**

APPLY TODAY AT [ALASKAWORKS.ORG](http://ALASKAWORKS.ORG)  
QUESTIONS? (907) 569-4711

8am - 5pm  
Monday - Friday  
April 18 - 22

# FREE HEAVY & LIGHT DUTY SERVICE OILERS TRAINING



*TRAINING HELD IN PALMER*

## What You Will Learn:

- Introduction to road construction, shop work, pit work, fuel points, lube points, oil points, inspection and problem identification
- Covering specific duties of an oiler, responsibilities, punctuality and skill set, work ethic expectations, time management and attitude
- Relative skills for a high paying career
- Heavy Equipment Mechanic apprenticeship and career pathways



QUESTIONS?  
MARK@ALASKAWORKS.ORG  
(907) 569-4734

