

Teri Gardner 8-15-25

APPLICATION FOR WSATC RECOGNITION OF AN APPRENTICESHIP PREPARATION PROGRAM

Recognized Apprenticeship Preparation Programs are education and training programs which maintain formal articulation agreement(s) with one or more registered apprenticeship program sponsors. The purpose of the recognized preparation programs is to prepare participants for successful entry into registered apprenticeship programs. Preparatory programs are designed to increase the participation of underrepresented populations in registered apprenticeship. (WSATC Policy 2012-03 Sec. I B).

An apprenticeship preparation program may apply for recognition or continuing recognition from the WSATC. The WSATC may grant initial recognition for a period of up to 18 months, and continuing recognition for a period of up to three years. To apply for initial recognition, programs must have participants enrolled in training at the time of application, and provide individualized demographic data for the first/current cohort of participants. The cost to program participants may be considered as a factor when evaluating for recognition and continued recognition. (WSATC Policy 2012-03 Sec. III).

SECTION 1: CONTACT INFORMATION AND PROGRAM SUMMARY

Name of Apprenticeship Preparation Program:

Pacific Northwest Ironworkers and Employers Local #86 Pre-Apprenticeship Program

Name of parent organization/organization that will administer the program:

Pacific Northwest Ironworkers and Employers Local #86 Apprenticeship Committee

Contact Information:**Individual Authorized to Represent the Program**

Name: Eric Sanchez

*Organization: Pacific Northwest Ironworkers and Employers Local #86
Apprenticeship Committee*

Title: Coordinator

Phone: 206-244-2993

Email: Eric@iw86appr.org

Mailing Address: 4550 S. 134th Place Ste. 101, Tukwila, WA 98168

Physical Address: 4550 S. 134th Place Ste. 101, Tukwila, WA 98168

Point of Contact for Outreach and Enrollment

Name: Eric Sanchez

*Organization: Pacific Northwest Ironworkers and Employers Local #86
Apprenticeship Committee*

Title: Coordinator

Phone: 206-244-2993

Email: Eric@iw86appr.org

Mailing Address: 4550 S. 134th Place Ste. 101, Tukwila, WA 98168

Physical Address: 4550 S. 134th Place Ste. 101, Tukwila, WA 98168

Primary User of Apprentice Registration and Tracking System (ARTS) Portal

Name: Jaimie McNew

*Organization: Pacific Northwest Ironworkers and Employers Local #86
Apprenticeship Committee*

Title: Administrative Assistance

Phone: 206-244-2993

Email: Jaimie@iw86appr.org

Mailing Address: 4550 S. 134th Place Ste. 101, Tukwila, WA 98168

Physical Address: 4550 S. 134th Place Ste. 101, Tukwila, WA 98168

Summary of Preparatory Program

Please briefly summarize the following in three pages or less within Appendix A.

- 1. Describe the organization that will be operating the preparatory training. If this is an existing organization, briefly describe its history and mission, and why apprenticeship preparation is a good fit.*
- 2. Describe how the program will be funded. If the program's start-up is grant funded, describe your sustainability plan once the grant ends.*
- 3. Describe the primary needs you have identified in your service area the program will address.*
- 4. Describe the target populations and geographical area.*
- 5. Describe the program. Please include the following:*

- a. *The structure of preparatory program including the anticipated number of participants/cohorts per year, approximate duration of the program, and cost of the program to participants;*
 - b. *How the program will be staffed (i.e., instructors, administration, etc);*
 - c. *Participant support/resources during program; and*
 - d. *Apprenticeship navigation and articulation plan.*
6. *Describe the program outcomes. Please include the following if applicable.*
- a. *Successful completion (required)*
 - b. *Industry recognized certificate(s)/certification(s)*
 - c. *Educational credit*
 - d. *Target articulation rate (required)*
7. *Please provide additional details, if any, you would like to share about your program (i.e. positives outcomes other than registered apprenticeship articulation, etc.)*

*****Please see Appendix A*****

SECTION 2: PROGRAM PARTICIPANTS AND OUTCOMES - (WSATC Policy 2012-03 Sec. II B)

A minimum apprenticeship articulation goal, which shall be at least 15% of graduates. Articulation shall be measured at six months following the date program participants graduate, with the following exceptions:

- a. *Programs serving actively enrolled K-12 participants may request articulation be measured at 12 months following the date of apprenticeship preparation program graduation; OR*
- b. *Programs serving currently incarcerated individuals may request articulation be measured at 18 months following the date of apprenticeship preparation program graduation.*

The anticipated number of participants who will enroll in the preparatory program annually.

The specific requirements to complete the program (i.e., attendance, grades, test scores, skill demonstrations, certificate attainment, etc.).

The specific apprenticeship, industries and/or occupations program graduates will be prepared to enter.

Please respond in full to the questions below regarding your program's participants and outcomes.

1. Occupations Trained: Please describe the specific apprenticeship, industries and/or occupations program graduates will be prepared to enter:

Pre-apprentice graduates will be given direct entry into the PNW Ironworkers Apprenticeship Local 86.

2. Target Articulation Rate: Approximately what percentage of program graduates do you expect to enter into a registered apprenticeship following completion of your program?

We expect at least 90% of pre-apprenticeship graduates to enter into the PNW Ironworkers Apprenticeship Local 86.

3. Target Participant Population and Successful Articulation Timeframe: Please select the option which best characterizes your program participant successful articulation timeframe. Please describe.

☒ **6 Months**

☐ **12 Months** (program serving actively enrolled K-12 participants)

☐ **18 Months** (program serving currently incarcerated individuals)

The Pre-Apprenticeship program serves the general public and is 4- weeks (160 hours). Graduates will be registered into the Ironworkers Apprenticeship immediately after completion.

4. How many participants do you anticipate enrolling in each cohort and how many cohorts per year?

We anticipate hosting 4 cohorts per year. Each cohort will enroll 12 participants, or 48 participants annually.

5. Please describe the requirements to complete the program (i.e., attendance, grades, test scores, skill demonstrations, certificate attainment, etc.).

Scores will be based on attendance, class and shop participation, as well as a final test. Three (3) unexcused absences from class during the scheduled 20-day session will result in removal from class. Students are expected to pass OSHA 10 and First Aid/CPR. Participants with an overall score of 80% will successfully pass the class.

SECTION 3: ARTICULATIONS AND PARTNERSHIPS - (WSATC Policy 2012-03 Sec. II E, Sec. I E)

Apprenticeship preparation programs training participants for a specific occupation must provide at least one articulation agreement at the time of application. Preparatory programs training individuals in multiple occupations must provide a minimum of two articulation agreements at the time of application. Articulation agreements must contain the following components:

The names of the organizations entering into the agreement (Apprenticeship Preparation Program and Registered Apprenticeship Program).

The specific apprenticeship program and occupation(s) that the apprenticeship prep program graduates will be prepared to enter.

One or more of the following considerations for graduates of the prep program:

- a. A preferred entry clause;*
- b. An advanced standing or credit clause;*
- c. Additional point(s) awarded in the application/interview process; or*
- d. Guaranteed interview with registered apprenticeship program.*

Be executed or renewed no more than three months prior to the date of application.

Please select the option which best characterizes your program.

☒ **Registered Apprenticeship Program specific apprenticeship preparation** *(goal is preparation of apprentices for one specific registered apprenticeship)*

☐ **General apprenticeship preparation program** *(goal is preparation and support to succeed in a variety of apprenticeships)*

Please complete the chart below with the requested information for each registered apprenticeship with which your program has a formal articulation agreement. A copy of each articulation agreement must be attached to this application. A Memorandum of Agreement/Understanding, a formal contract, or a signed letter of commitment are acceptable forms of articulation agreements.

Apprenticeship Program Name	Articulating Occupation(s)	Articulation Type (select all that apply)			
		Preferred Entry	Advanced Standing or Credit	Additional Points on Application/Interview	Guaranteed Interview
Pacific Northwest Ironworkers and Employers Local #86 Apprenticeship Committee	Ironworker	YES	NO	NO	YES

Please list any other organizations, if any, which have endorsed your program or otherwise partnered with you to develop or administer this program.

Program or Organization Name	Role(s) (eg: training provider, Advisory Board member, industry consultant, supportive services provider, etc.)

SECTION 4: CURRICULUM - (WSATC Policy 2012-03 Sec. II C)

Curriculum should be developed in consultation with apprenticeship partners and subject matter experts to ensure it aligns with current industry standards and prepares graduates to meet or exceed the minimum qualifications for entry into an apprenticeship. To ensure recognized Apprenticeship Preparation Programs are adequately preparing participants to enter Registered Apprenticeship and be successful apprentices, preparatory training curriculum must meet the following requirements:

- a. Be a minimum of 80 hours in duration;

- b. Employability skill development shall not exceed 50% of curriculum hours. Employability skill development shall be defined as general employment skills (communication, professionalism, work ethic, etc.);*
- c. Industry/trade specific skills and knowledge shall constitute at least 50% of curriculum hours. Industry/trade specific skills and knowledge shall be defined as hands-on training to develop manual, mechanical, or technical skills relevant to the occupation(s) the preparatory participant(s) are training to successfully enter, and which does not displace paid employees; and*
- d. Industry/occupation specific safety training and education.*

In one to two paragraphs, please provide a brief summary of the programs curriculum describing the total number of hours, topics covered, method of delivery, etc.

The Ironworkers Pre-Apprenticeship training course is a four-week (160 hour) program designed to prepare participants for a career in ironworking through a combination of classroom instruction and hands-on training. Classes run Monday through Friday from 6:30 AM to 3:00 PM, including a half-hour lunch break. The curriculum covers a wide range of topics including the history of ironwork and apprenticeships, job site safety (with OSHA 10 certification), First Aid/CPR, flagging, fire watch, fall protection, and scissor lift safety. Students are introduced to various aspects of ironwork such as reinforcing, structural work, cutting and welding, and construction math. The course aims to equip students with foundational knowledge of ironworking terminology, safety practices, tools, rigging, signaling, and welding. Upon successful completion, students will receive safety and First Aid certifications, gain insight into the physical demands of the trade, and be eligible for direct entry into the Ironworker Apprenticeship. To pass, participants must achieve a minimum score of 80%, which is based on attendance, participation, and a final test.

Please respond in full to the questions below.

- 1. Please describe your program's working relationship with one or more registered apprenticeship programs in the development of elements such as curriculum, class activities, evaluation methods, and teaching techniques.*

The Pre-Apprenticeship curriculum is developed and delivered by the PNW Ironworkers Local 86 Apprenticeship, using nationally approved training courses created by the International Association of Bridge, Structural, Ornamental, and Reinforcing Ironworkers. Our instructors are experienced professionals who also teach in the Local 86 Apprenticeship Program. They bring industry-specific expertise and proven training methods to ensure students receive high-quality, relevant instruction. The class is designed to equip students with the skills, confidence, and mindset needed to successfully perform ironwork-related tasks. Participants will gain hands-on experience and foundational knowledge that prepares them for entry into the PNW Ironworkers Apprenticeship Program and a rewarding career in the trade.

2. *Please identify the program's instructor(s) and provide a brief summary of their qualifications.*

Felix Salazar is an 18-year member of the Ironworkers Union. He has completed the apprenticeship program and worked extensively in the rebar aspect of our trade. Felix is an expert in managing apprentices and running multiple jobs for our signatory contractors. Felix has been an instructor at the apprenticeship for 4 years and is essential to the growth of our program and the development of ironworker apprentices. Mark Armstrong is a 25-year member of the Ironworkers Union with a wealth of knowledge. Mark has excelled in the field as a foreman and general foreman, specializing in the welding aspect of this trade. Mark has been a certified welder for over 20 years and is actively working towards his CWI certification (Certified Welding Inspector). Mark's knowledge of trade and welding is essential to the growth of ironworker apprentices.

3. *What, if any, post-secondary credit do program participants receive?*

Pre-Apprentice participants do not receive post-secondary credit.

Please complete Appendix B – Curriculum Outline.

SECTION 5: PARTICIPANT RECRUITMENT AND RETENTION - (WSATC Policy 2012-03 Sec. II D)

Preparatory program recruitment and retention plans must contain the following elements:

The target demographics of the population their enrollees will be drawn from;

The specific tools and activities used to recruit and retain participants, with an emphasis on recruitment of underrepresented populations; and

The cost of the program to participants.

Please respond to the following questions regarding your programs recruiting and retention plans.

1. *Please describe the general demographics of the intended program participants (i.e., age, gender, race/ethnicity, geographic area, etc.). Is the program limited to a specific population (i.e., students at a particular high school, veterans, WIOA-eligible, etc.)? If so, explain:*

The intended program participants will be residents of economically distressed zip codes as defined by the City of Seattle, women, veterans, people of color, and/or disadvantaged individuals.

2. *Please describe the tools and activities which will be utilized to recruit students, and describe how underrepresented populations will be encouraged to enroll in the program.*

To engage individuals interested in the construction trades, our pre- apprenticeship program conducts targeted outreach through multiple community channels. We actively participate in construction-focused career fairs, visit high schools with trade-related programs, and host hands-on tours in partnership with organizations such as Palmer Pathways, PACT, and ANEW. These efforts help connect young people and career changers with tangible, firsthand exposure to the ironworking trade. In addition, we are committed to reaching individuals currently impacted by the justice system. The program does not discriminate against individuals with criminal backgrounds. Our team visits correctional institutions and hosts hands-on tours specifically for incarcerated women participating in the TRAC (Trades Related Apprenticeship Coaching) program. Our program is accessible and inclusive by design. We do not require a high school diploma, prior training, or financial resources to qualify.

3. *Please describe the tools, processes, and resources your program will utilize to retain participants through graduation.*

Each enrolled pre-apprenticeship student automatically receives work boots, a hard hat, tool kit and belt, and weekly gas cards. After students have entered the pre-apprenticeship program, we utilize support service specific grant funds to aid students in need. We also refer pre-apprentices to outside support programs such as Cares of Washington, ANEW, and Urban League. Over this past year two grants specifically for pre-apprentices and apprentices have become available (WG-A grant and Construct a Career). Program staff provide each student with guidance and support while applying for these grants.

4. *Please describe the services that will be provided to graduates and current participants to assist in their successful application and articulation into registered apprenticeship programs.*

Classes are set up to equip students with the skills and work and work ethics needed to maintain employment. Grant funding helps support pre-apprenticeship students with the basic equipment required to get started in the ironworking field as well as weekly gas cards to help with transportation costs while in class. The pre-apprenticeship program will also cover the costs of Local 86 union initiation fees and first month union dues after the students successfully complete the pre-apprenticeship program. Throughout the pre-apprenticeship and apprenticeship students will be referred to partnering community-based organizations to help meet needs on an individual as needed basis. In addition, pre-apprentice students are introduced to Ironworkers Local 86 Union staff and are instructed on all Local 86 union policies and procedures to create a smooth transition for students graduating from the pre-apprentice program and entering the Local 86 Apprenticeship and Local 86 union.

5. *Please describe the cost of the program to participants and describe how the program helps mitigate the cost to participants (i.e., scholarships, grants, financial aid, etc.), if applicable.*

There is no cost to program participants. All pre-apprentice cohorts will be funded by contracted grants through WSDOT and the City of Seattle.

SECTION 6: ADMINISTRATIVE REQUIREMENTS - (WSATC Policy 2012-03 Sec. II A)

Recognized Apprenticeship preparation programs shall commit to reporting the following information to L&I via the Apprenticeship Registration Tracking System (ARTS) system on a semi-annual basis, unless granted an exception by the WSATC:*

New participant demographics

- a. First and Last Names*
- b. Birth Date*
- c. Gender*
- d. Race/ Ethnicity*
- e. Veteran Status*
- f. Social Security Number**

Outcome measures (Individual-level Information)

- a. Participant graduation(s)/ completions*
- b. Participant withdrawals*
- c. Graduates who have entered into Registered Apprenticeship*

Please describe the tools and processes your program will utilize to successfully meet the administrative requirements listed above.

Administrative staff will utilize the ARTS system to input all required participant demographics and outcome measurements.

Please complete Appendix C – Administrative Requirements Spreadsheet.

SECTION 7: APPENDICES

Please complete and submit appendices with the application packet as separate files.
Appendices include the following:

Appendix A – Program Summary

Appendix B – Curriculum Outline

Appendix C – Administrative Requirements Spreadsheet

Appendix D – Articulation Agreement(s)

**Submitted by program as individual documents*

SUBMISSION INSTRUCTIONS

Applications are due no later than 60 days prior to the scheduled quarterly meeting of the Washington State Apprenticeship and Training Council. It is strongly recommended that you submit your application 2 weeks prior to the deadline for pre-review, to ensure that your application is complete. Contact Rio Frame for questions or assistance.

Please submit your completed application via email to:

*Rio Brunsch, Management Analyst
Dept. of Labor & Industries, Apprenticeship Section
FRAV235@LNI.WA.GOV
509-426-0985*

Teri Gardner 8-15-25

APPENDIX A – PROGRAM SUMMARY

Please briefly summarize the preparatory program according to the requirements listed in Section 1 “Summary of Preparatory Program” in three pages or less.

Please briefly summarize the following in three pages or less within Appendix A.

1. *Describe the organization that will be operating the preparatory training. If this is an existing organization, briefly describe its history and mission, and why apprenticeship preparation is a good fit.*

The preparatory training will be operated by the Pacific Northwest Ironworkers Apprenticeship. The PNW Ironworkers Apprenticeship is a program that offers upward mobility by providing career and educational opportunities to those willing to pursue them. This apprenticeship is a four (4) year Washington State registered apprenticeship program consisting of 816 related supplemental instruction hours and 6,000 hours of on-the-job training. Apprenticeship graduates receive college recognition toward a two (2) year degree.

Most of all, students will obtain working knowledge of the physical aspects of the Ironworking trade and what it takes to maintain a job and career as an Ironworker. Upon successful completion of this training course students will have direct entry into the PNW Ironworkers Apprenticeship #86 and employment. On entry into the apprenticeship the apprentice will be employed by one of the 140+ contractor training agents.

Apprenticeship coordinators and staff are experienced in effectively leveraging the resources needed to operate a robust apprenticeship training program with approximately 250 active apprentices. All apprenticeship staff have up to date training and certifications. The training staff consists of experienced journey-level ironworkers who have numerous instructor credentials and attend annual instructor training and continuing education programs throughout the year. The apprenticeship also works with contractors in the ironworking field to keep up with industry standard training.

2. *Describe how the program will be funded. If the program’s start-up is grant funded, describe your sustainability plan once the grant ends.*

The Ironworkers Pre-Apprenticeship program is primarily grant funded. We have continuously partnered with WSDOT and City of Seattle to fund cohorts for at least the past 8 years. We currently have 3 contracts with WSDOT and the City of Seattle to fund

pre apprentice cohorts through 2027. We anticipate continued partnership with these entities for the foreseen future.

3. *Describe the primary needs you have identified in your service area the program will address.*

The Ironworkers Pre-Apprenticeship provides access to industry specific training to underrepresented populations throughout the Pacific Northwest. The demand for Ironworkers in the Pacific Northwest remains strong as public works projects including bridges, roads, and utilities have created sustained opportunities for skilled tradespeople. Examples of upcoming large scale construction projects in the area include the Portage Bay SR22 Bridge Project and multiple construction contracts through Seattle Public Schools. As construction projects continue it is important to ensure a steady pipeline of qualified ironworkers can meet the region's constructions needs.

4. *Describe the target populations and geographical area.*

The Ironworkers Pre-Apprentice training program specifically targets priority hire individuals. This includes residents of economically distressed ZIP codes as defined by the City of Seattle, women, veterans, people of color, and socially disadvantaged individuals (including but not limited to formerly incarcerated, juvenile rehabilitation, and foster care communities). Participants must be Washington State residents.

5. *Describe the program. Please include the following:*
 - a. *The structure of preparatory program including the anticipated number of participants/cohorts per year, approximate duration of the program, and cost of the program to participants;*

We anticipate hosting 4 pre – apprenticeship cohorts per year, each cohort will register 12 students. Each pre-apprenticeship cohort is 4 weeks long for a total of 160 classroom training hours. The cohorts are all grant funded so the program comes at no cost for participants.

- b. *How the program will be staffed (i.e., instructors, administration, etc);*

Each pre-apprentice cohort has 2 full-time instructors: Felix Salazar and Mark Armstrong. Each instructor is an expert in their field with at least 10 years of experience working as a journey level ironworker. All administrative duties will be

performed by Eric Sanchez, Program Coordinator; Jaimie McNew, Administrative Assistant; and Amber Skaw Administrative Assistant.

c. Participant support/resources during program; and

Each enrolled pre-apprenticeship student receives work boots, a hard hat, tool kit and belt, and weekly gas cards. After students have entered the apprenticeship program, we utilize support service specific grant funds to aid students in need. We also refer apprentices to outside support programs such as ANEW, Urban League, Cares of Washington and the First Choice Health Employee Assistance Program. Over this past year two grants specifically for apprentices have become available (WG-A grant and Construct a Career). We provide each student with guidance and support while applying for these grants.

d. Apprenticeship navigation and articulation plan.

After completing the 4-week pre-apprenticeship students will be automatically initiated into the Local 86 Ironworkers Apprenticeship and initiated as members into the Local 86 Ironworkers Union. The students will receive dispatches to ironworking jobsites within the Local 86 jurisdiction.

6. Describe the program outcomes. Please include the following if applicable.

- a. Successful completion (required)*
- b. Industry recognized certificate(s)/certification(s)*
- c. Educational credit*
- d. Target articulation rate (required)*

Upon completion of the 4-week pre apprenticeship program students will receive a completion certificate, automatic registration into the Pacific Northwest Ironworkers Apprenticeship and Local 86 Ironworkers Union. They will receive certifications in First Aid/CPR and OSHA 10. The program's target articulation rate is 75%.

7. Please provide additional details, if any, you would like to share about your program (i.e. positives outcomes other than registered apprenticeship articulation, etc.)

Teri Gardner 8-15-25

APPENDIX B – CURRICULUM OUTLINE

Curriculum should be developed in consultation with apprenticeship partners and subject matter experts to ensure it aligns with current industry standards and prepares graduates to meet or exceed the minimum qualifications for entry into an apprenticeship. To ensure recognized Apprenticeship Preparation Programs are adequately preparing participants to enter Registered Apprenticeship and be successful apprentices, preparatory training curriculum must meet the following requirements:

- a. Be a minimum of 80 hours in duration;*
- b. Employability skill development shall not exceed 50% of curriculum hours. Employability skill development shall be defined as general employment skills (communication, professionalism, work ethic, etc.);*
- c. Industry/trade specific skills and knowledge shall constitute at least 50% of curriculum hours. Industry/trade specific skills and knowledge shall be defined as hands-on training to develop manual, mechanical, or technical skills relevant to the occupation(s) the preparatory participant(s) are training to successfully enter, and which does not displace paid employees; and*
- d. Industry/occupation specific safety training and education. (WSATC Policy 2012-03 Sec. II C)*

Please use the format below for the program's curriculum outline. Identify all curriculum elements and provide primary learning objectives that apply to each course.

Please copy and paste the format below to add additional course sections and/or primary learning objectives as needed.

1. Orientation for Ironworkers – 17 hours

Curriculum Elements:

- ☒ Industry/occupation specific safety training and education
- ☐ Employability skill development
- ☒ Industry/trade specific skills and knowledge

- a. This course is designed to provide the ironworker student with the introductory knowledge and skills needed for the first days on the job; knowledge and skills will be only at an introductory level and not covered in depth. Major topics include safety, measuring, hand tools, rigging, welding, structural steel erection, architectural and ornamental ironwork, and reinforcing ironwork. The course content is based on units 1-9 of the Orientation Training for Ironworkers package, and will consist of classroom lecture, knowledge and performance assignments, and tests.

2. General Employment Skills – 3 Hours

Curriculum Elements:

- ☐ Industry/occupation specific safety training and education
- ☒ Employability skill development
- ☐ Industry/trade specific skills and knowledge

- a. This course provides soft skills training to support professionalism, communication, and money management. Skills that are taught include: interview techniques, the importance of punctuality and dependability, listening and following instructions at the workplace, skills and tactics to defuse conflict in the workplace and how to ask questions when unsure and clearly share information with crew members. Money management is presented by representatives at the Ironworkers credit union

3. OSHA 10 Construction – 10 hours

Curriculum Elements:

- ☒ Industry/occupation specific safety training and education
- ☐ Employability skill development
- ☐ Industry/trade specific skills and knowledge

- a. This course is based on OSHA construction standards and safety and results in participants receiving a DOL OSHA 10-hour card.

4. First Aid – 4 hours

Curriculum Elements:

- ☒ Industry/occupation specific safety training and education
- ☐ Employability skill development
- ☐ Industry/trade specific skills and knowledge

- a. Provides general training in first aid resulting in a certification card in First Aid.

5. CPR & AED Training – 4 hours

Curriculum Elements:

- ☒ Industry/occupation specific safety training and education
- ☐ Employability skill development
- ☐ Industry/trade specific skills and knowledge

- a. Provides training in CPR and AED use resulting in a certification card in CPR/AED.

6. Fall Protection for Construction – 6 hours

Curriculum Elements:

- ☒ Industry/occupation specific safety training and education
- ☐ Employability skill development
- ☐ Industry/trade specific skills and knowledge

- a. This course is designed to provide the ironworker with training relating to the hazards, rules, prevention, and proper rescue of construction falls.

7. History of Apprenticeship/Ironwork – 10 hours

Curriculum Elements:

- ☐ Industry/occupation specific safety training and education
- ☐ Employability skill development
- ☒ Industry/trade specific skills and knowledge

- a. This course is designed to provide the ironworkers student with a history of organized labor and of the Iron Workers Union.

8. Flagger – 4 hours

Curriculum Elements:

- ☒ Industry/occupation specific safety training and education
- ☐ Employability skill development
- ☐ Industry/trade specific skills and knowledge

- a. This course provides essential training for individuals responsible for directing traffic in and around construction zones. The course ensures participants understand safe flagging practices, proper equipment use and how to maintain a safe flow of traffic.

9. Fire Watch – 4 hours

Curriculum Elements:

- ☒ Industry/occupation specific safety training and education
- ☐ Employability skill development
- ☐ Industry/trade specific skills and knowledge

- a. This course provides essential training for workers assigned to monitor hot work areas and prevent fire hazards. Course objectives include how to recognize fire risks, proper use of fire extinguishers, and emergency procedures during and after hot work operations.

10. Reinforcing – 40 hours

Curriculum Elements:

- ☐ Industry/occupation specific safety training and education
- ☐ Employability skill development
- ☒ Industry/trade specific skills and knowledge

- a. This course is designed to provide the ironworker student with an introduction to reinforced concrete. Topics include applications and uses, manufacturing and specifications, installation tools and methods, and fabricating components.

11. Structural – 40 hours

Curriculum Elements:

- ☐ Industry/occupation specific safety training and education
- ☐ Employability skill development
- ☒ Industry/trade specific skills and knowledge

- a. This course is designed to provide students with training in erecting structural steel. Topics will include erecting columns and beams, installing joists, plumbing and aligning structural steel, structural bolting, metal decking, sheeting and structural steel erection and detail drawings.

12. Intro to Cutting & Welding – 10 hours

Curriculum Elements:

- ☐ Industry/occupation specific safety training and education
- ☐ Employability skill development
- ☒ Industry/trade specific skills and knowledge

- a. This course is designed to provide introductory training in welding and cutting. Course content is based on the Introduction to Welding reference manual and consists of classroom lecture, knowledge, and performance assignments and tests.

13. Construction Math – 8 Hours

Curriculum Elements:

- ☐ Industry/occupation specific safety training and education
- ☒ Employability skill development
- ☒ Industry/trade specific skills and knowledge

- a. This course is designed to provide Ironworkers students with training in basic numerical processes including whole numbers, common and decimal fractions, percentages, averages, exponents, roots, ratios and proportions, linear, area, circular and volume measurements and their ironworker applications.

Preparatory Program Name:	Pacific Northwest Ironworkers and Employers Local #86 Pre-Apprenticeship Program	Total Number of Participants:	92
		Total Participant Graduates:	85
Reporting Period, Earliest Date:	10/30/2023	Total Withdrawals/Incomplete:	7
Reporting Period, Latest Date:	6/27/2025	Total Grad's Articulated into Reg' Apprenticeship:	85



*Please refer to the instructions tab for information on how to properly complete this document.

Participant Information - Total of Cohorts										Registered Apprenticeship Articulation Information			
Last Name	First Name	Birth Date	Gender	Race	Ethnicity	Veteran	Cohort Start Date	Current Status	Graduation Date	Registered Apprenticeship Name	Occupation	Date of Registration	Apprentice ID Number
92	92	92	92	92	92	92	92	92	85	85	85	85	85

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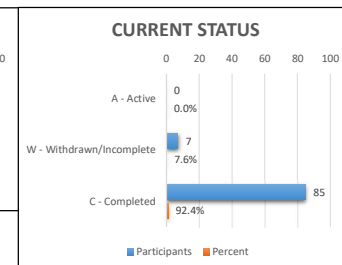
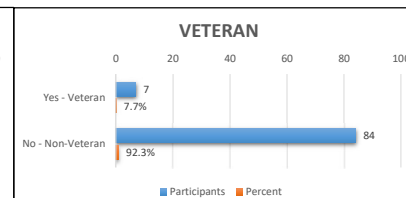
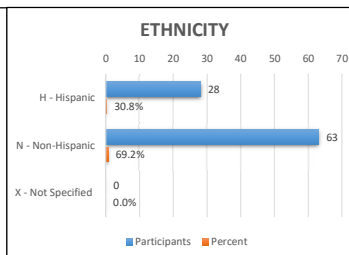
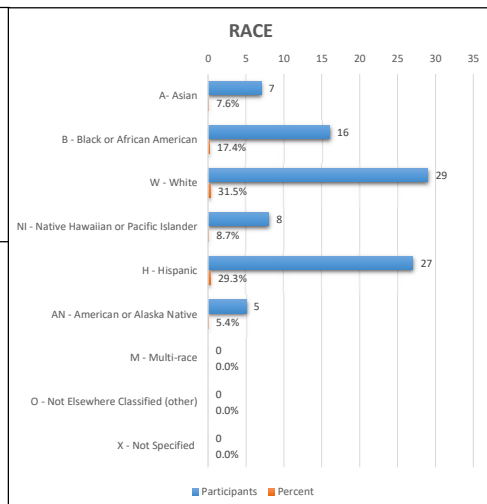
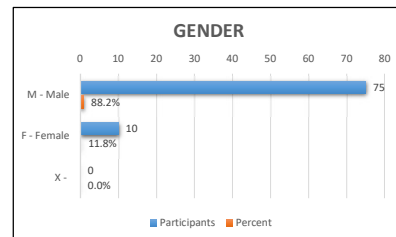
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Articulation Rate
92.39%



Teri Gardner 8-15-25

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PACIFIC NORTHWEST IRONWORKERS AND EMPLOYERS APPRENTICESHIP & TRAINING COMMITTEES

Articulation Agreement

Between

Pacific Northwest Ironworkers and Employers Local #86 Apprenticeship

And

Pacific Northwest Ironworkers and Employers Local #86 Pre-Apprenticeship Program

This is an agreement, by and between the Pacific Northwest Ironworkers and Employers Local #86 Apprenticeship Committee (**IW Apprentice**) and the Pacific Northwest Ironworkers and Employers Local #86 Pre-Apprenticeship Program (**IW Pre-Apprentice**) made to provide graduates the option to earn preferred enrollment in the apprenticeship program. It is the intent of this cooperative effort to provide the student with non-duplicative program of study leading to enhancing employment opportunities.

Now, therefore, it is agreed by and between the parties as follows:

1. Preferred enrollment in the Iron Workers Local 86 Apprenticeship program may be granted through this agreement. Preferred enrollment means that **IW Pre-Apprentice** graduates who, because of the quality of preparation at **IW Pre-Apprentice** meet the criteria identified in section 2, receive direct entry. The awarding of such direct enrollment is contingent upon the joint cooperation of the two institutes.
2. Applicants that have completed and passed a structured Pacific Northwest Ironworkers #86 Pre-Apprenticeship Training Class, a minimum of four (4) weeks, 160 hours, may receive direct entry into this apprenticeship provided:
 - a. The applicant has met the Minimum Qualifications which include receiving a passing score at a scheduled minimum qualification screening day.
 - b. The applicant has completed and passed the Pacific Northwest Ironworkers #86 Pre-Apprenticeship Training Class with a score of 80% or better.

The undersigned parties accept and approve THIS AGREEMENT on behalf of the Iron Local 86 Pre-Apprenticeship and Apprenticeship programs

Eric Sanchez

Coordinator

Pacific Northwest Ironworkers and Employers Local #86

Date