

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. (WSATC Policy 2012-03 Sec. III).

SECTION 1: CONTACT INFORMATION AND PROGRAM SUMMARY

Name of Apprenticeship Preparation Program:

Perry Technical Institute Plumbing Technician Program

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

Perry Technical Institute

Contact Information:

Individual Authorized to Represent the Program

Name: Adam Rieker

Organization: Perry Technical Institute

Title: Associate Dean of Education

Phone: 509-453-0374

Email: adam.rieker@perrytech.edu

Mailing Address: 2011 W. Washington Ave Yakima, WA 98903

Physical Address: 2011 W. Washington Ave Yakima, WA 98903

Point of Contact for Outreach and Enrollment

Name: Adam Rieker

Organization: Perry Technical Institute

Title: Associate Dean of Education
Phone: 509-453-0374
Email: adam.rieker@perrytech.edu
Mailing Address: 2011 W. Washington Ave Yakima, WA 98903
Physical Address: 2011 W. Washington Ave Yakima, WA 98903

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

Name: Adam Rieker
Organization: Perry Technical Institute
Title: Associate Dean of Education
Phone: 509-453-0374
Email: adam.rieker@perrytech.edu
Mailing Address: 2011 W. Washington Ave Yakima, WA 98903
Physical Address: 2011 W. Washington Ave Yakima, WA 98903

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 and approximate duration of the program;*
 - 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.)*

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:*

Graduates of the Plumbing Technician program are prepared to enter the industry as a second-year plumber.

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

The target goal for students graduating from the Plumbing Technician program to enter into a registered apprenticeship program is 15%.

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 timeframe for the Plumbing Technician program is 6 months as none of the exemptions apply.

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

In the Plumbing Technician program, the anticipated number of participants varies from 15 to 17 individuals per cohort. The program has two start dates per year, typically in March and September.

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

Attendance is mandatory at Perry Technical Institute. Students are held to a rigorous standard using a points system. Missing 3 hours or more of class time will result in three points and one point will be accrued for any missed time up to three hours. If a student accrues eight points within a quarter, they will be subject to probation. They are limited to two 1-point infractions within a month, upon the third, they are placed on probation. Probations can be accrued for attendance, conduct, and academics; more than three probations throughout the duration of the program will not be tolerated and may result in a dismissal from the program. Students are also held to a zero-tolerance standard regarding substance abuse and may be tested randomly, for cause, or post-accident. Successful completion of the Plumbing Technician program requires that students maintain satisfactory academic progress with a minimum grade point average of 2.0 (74%); the minimum grade established for each course is 70% (C-). Students must be able to prove their understanding of the curriculum in a lab setting as the hands-on learning portion of the program is heavily weighted.

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 pre-apprenticeship *(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.

Apprentice- ship Program Name	Articulating Occupation(s)	Articulation Type <i>(select all that apply)</i>			
		Preferred Entry	Advanced Standing or Credit	Additional Points on Application/Interview	Guaranteed Interview

Seattle Area Pipe Trades	Plumber				X
Construction Industry Training Council	Plumber	X	X		

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) <i>(eg: training provider, Advisory Board member, industry consultant, supportive services provider, etc.)</i>
UA Local 598 Plumbers and Pipefitters	Program Advisory Committee Member
UA Local 32 Plumbers and Pipefitters	Program Advisory Committee Member
PHCC Plumbing Heating Cooling Contractors Association	Program Advisory Committee Member

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. At a minimum, the curriculum must include the following elements:

Industry/occupation specific safety training and education;

Employability skill development;

Industry/trade specific skills and knowledge; and

Course hours.

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

Perry Technical Institute's Plumbing Technician program is 12 months in length (4 quarters). The student will earn 72.0 credit hours which are 1,344 clock hours. Topics of study include safety, theory, industry practices, Uniform Plumbing Code, Washington Administrative Code, Revised Code of Washington, professional development, construction practices, and hands-on activities in a lab setting. The Plumbing Technician program is full time Monday – Thursday, year-round; and is taught, in person, by instructors with a minimum of three years of relevant industry experience. Students are presented with information through lecture, expected to complete classwork during independent study, and prove their understanding of material through hands-on activities in the lab.

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.*

Perry Technical Institute's accrediting body, ACCSC – Accrediting Commission of Career Schools and Colleges, requires annual review of curriculum, book lists, tools lists, facilities, labs, etc. from a program advisory committee. Representatives from Seattle Area Pipe Trades, Construction Industry Training Council, United Association Local 598, and United Association Local 32 have an open invitation to attend program advisory committee meetings that take place twice per year. Committee members provide

feedback on graduates, lab equipment, curriculum content, tools and books, and they know each instructor's role and experience level within the Plumbing Technician department. Committee member feedback plays a crucial role in the development of the program. For example, lab equipment has been upgraded and new scenarios have been implemented, based on committee suggestions.

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

The current faculty of the Plumbing Technician program includes Timothy Bushnell and Lee Crane. Each instructor at Perry Technical Institute is required to have at least three years of relevant industry experience. Both Plumbing Technician program instructors are Washington State certified PL01 journey level plumbers.

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

Graduates from Perry Technical Institute's Plumbing Technician program will receive a certificate of completion from the program as well as 2,000 recognized hours of work experience from Washington State Department of Labor & Industries towards the required 8,000 hours to become a certified PL01 journey level plumber.

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; and

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

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 Plumbing Technician program is open to any student over the age of 16 and there is no specific population that Perry Tech caters to. However, the primary recruitment efforts take place at the high school or even middle school level statewide. 91% of the students are from Washington State and 76% from Yakima County; however students are currently attending the Plumbing Technician program from as far as California. 71% of the students are Hispanic, 15% of the students are Caucasian, and the remaining 14% is made up of Native American or Alaskan Natives and Native Hawaiian or Pacific Islander students. There are currently no female students in the program; however, recruiting efforts are constantly being made to increase those numbers. The average age of a Perry Technical Institute student is 23 years old with current Plumbing Technician students ranging from ages 18 – 43 years old.

- 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.*

Perry Technical Institute's Enrollment team focuses on high schools throughout Washington, Oregon, Idaho, and Montana. Recruitment efforts include a small team of specialists that visit prospective students at their location to inform them about the opportunities at Perry Tech. Perry Technical Institute frequently provides tours of the campus for middle and high school level students. Open house events are held three times per year for the general public to come on campus and see everything Perry Tech has to offer.

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

Perry Technical Institute has a robust system of resources in place for its students. Starting with the Enrollment department, students are paired with an Enrollment representative to help them through the application process from start to finish. The Financial Aid department is available to help students navigate the daunting task of paying for school. While actively enrolled in the Plumbing Technician program, students have constant meetings with their instructors to ensure information retention. Multiple times throughout the quarter, student progress will be checked by instructors; failure to meet the benchmark at that time will result in disciplinary procedures. Academic standards that are not met are monitored through verbal and written warnings long before a student “fails” a section. Perry Technical Institute also provides a student success team that meets with students one-on-one to provide additional opportunities to help them through their individual situations. The workload for this program is rigorous; but, with the resources in place to help students be successful, the retention rate over the last two years is 87%.

- 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.*

The student success team provides a supportive role to students and alumni of Perry Technical Institute. The team is in place to share resources, guide students on a successful education and career path, listen and provide support, and make referrals to mental health counseling if necessary. Perry Technical Institute employs a Career Services team to recruit potential employers from industry. Twice per year, employer expo events (job fairs) are held at the school for current students and alumni. Over 110 employers were at the most recent employer expo with 16 companies specifically looking for Plumbing Technician students. The Career Services department also provides clinics for current students on presentation skills, resume and cover letter building, and mock interviews; and is available for alumni as needed for preparation and coaching on career/job changes. Any employer is welcome to come on campus at any time and present to students with special emphasis on apprenticeship programs.

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.

The Registration department of Perry Technical Institute keeps detailed information for any past graduate of the program; that information is easily obtainable.

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 45 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 Frame, Management Analyst
Dept. of Labor & Industries, Apprenticeship Section
Rio.Frame@Lni.wa.gov
509-426-0985*

RB
Teri Gardner 5-28-24

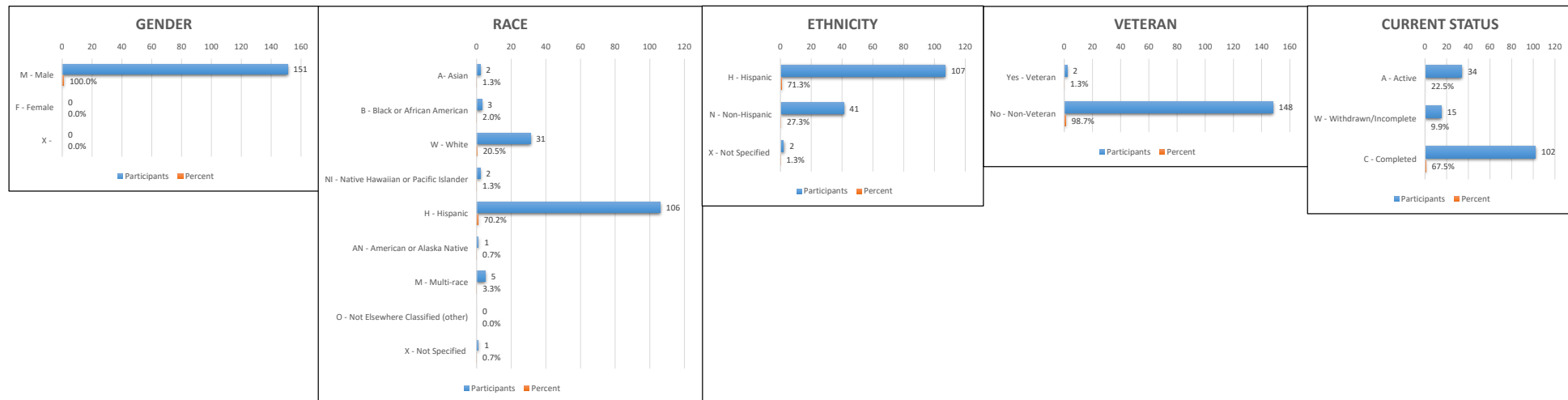
Preparatory Program Name:	Perry Technical Institute Plumbing Technician Program	Total Number of Participants:	151	
		Total Participant Graduates:	102	
Reporting Period, Earliest Date:	9/30/2019	Total Withdrawals/Incomplete:	15	
Reporting Period, Latest Date:	9/25/2024	Total Grad's Articulated into Reg' Apprenticeship:	14	

*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
151	151	151	151	151	151	151	151	151	137	14	14	14	14

Articulation Rate
9.27%

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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.

Established in 1939, Perry Technical Institute is a private, non-profit educational institution which offers 14 specialized technical training programs. The mission at Perry is to “Educate, empower, and equip students for lifelong careers in industry.” The Plumbing Technician program produces qualified, skilled graduates that are prepared to start their careers in the plumbing industry with 2,000 hours of unspecified plumbing work experience.

Perry Technical Institute maintains accreditation through ACCSC, Accrediting Commission of Career Schools and Colleges. Being recognized by the U.S. Department of Education, the Plumbing Technician program is eligible for federal financial aid. Perry Tech provides its students with a Financial Aid Department to help them navigate the process of paying for their education. Students in the program may be eligible for grants, loans, scholarships, VA education benefits, and federal work study opportunities.

There is a growing need for qualified individuals across the country to work in the plumbing field and Washington State is no exception. The goal of the Plumbing Technician program is to provide students with a diversified curriculum that guides them through the process of becoming a plumbing technician. Students are taught a broad foundation of plumbing knowledge to include safety, fittings, power tools, drains, backflow, venting, and water distribution systems. Students are taught how to read, interpret, and apply blueprints and schematics, how to identify and use proper tools and materials, and how to apply the Uniform Plumbing Code (UPC) to residential and commercial installations. Graduates are encouraged to seek employment opportunities within the journey level (01) plumbing field.

While constant recruiting efforts are being made at the junior high and high school levels, the average age of a Perry Tech student is 23 years old. Recruitment efforts are broad, however special emphasis is placed on retaining females, to include a Women in Trades group that is focused on women working in trades that have traditionally been male dominated. Emphasis is also placed on veteran students with the Veterans Alliance group focusing on providing a space for camaraderie with other veteran students as well as an avenue to additional resources available to those students. While most students in the Plumbing Technician program are from the State of Washington, there are students from as far as California currently enrolled in the program. 76% of current students are from Yakima County.

Perry Technical Institute’s Plumbing Technician program is 12 months in length (four quarters). Approximately 15 – 17 students begin the program twice per year, with cohorts starting in March and September. Students remain with their cohort and instructor for the

duration of the program, assuming they meet the program standards. The anticipated number of students per year is approximately 34. Each Plumbing Technician cohort is taught by an instructor with a minimum of three years practical work experience and a journey level (01) plumber's license. The exception to this is on Thursdays of the second half of their training (last six months) where students have an opportunity to work with a cooperating site, gaining field experience under proper employer supervision.

The program is overseen by the department head and the Associate Dean of Education for Perry Technical Institute. Perry Technical Institute employs a robust support staff as a resource for students and faculty. From the beginning, the Enrollment team will prepare the incoming student for what lies ahead, the Financial Aid department sets students up for success with paying for school and providing financial literacy training, the Foundation department is always available to help students search and apply for scholarships, the Career Services department prepares students for interview and presentation skills, and the fully staffed Facilities & Maintenance department ensures that the students remain in a comfortable and safe learning environment. Students will review scopes of work and licensing requirements throughout their education at Perry Technical Institute to ensure that they understand the paths towards their individual careers. To facilitate that process, representatives from articulation partners will present to the students periodically for general networking and to provide them with next steps.

Successful completion of the Plumbing Technician program requires that students maintain satisfactory academic progress with a minimum grade point average of 2.0 (74%); the minimum grade established for each course is 70% (C-). While students do not automatically receive industry certifications, they are credited with 2,000 hours of unspecified plumbing work experience by Washington State department of Labor and Industries. The target articulation rate for graduates of the Plumbing Technician program is 15%.

Students attending the Plumbing Technician program at Perry Technical Institute occasionally have opportunities to be involved in community service. These include plumbing a home built by our Construction and Carpentry Technology program that is later sold to fund scholarships for students of Perry Technical Institute as well as plumbing multiple Habitat for Humanity housing projects throughout the year. Because of the school's efforts, in 2020, Perry Tech was named the Excellence in Community Service award recipient by the Accrediting Commission of Career Schools and Colleges for the community service the school provides. Also, according to the New York Times in 2019, Perry Technical Institute was ranked #1 out of 690 two-year schools in the US for income mobility; meaning children who were in the bottom fifth for income and moved to the top fifth as adults.

Teri Gardner 5-28-24

APPENDIX B – CURRICULUM OUTLINE

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. PL110 – Introduction to Plumbing – 7.5 Credit Hours

Curriculum Elements:

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

Students will meet the requirements of the Occupational Safety and Health Administration (OSHA) for workplace safety. In addition, students will review the history, work performed, responsibilities, and safety principles associated with plumbing and pipefitting. Completion of the PTI 101 Workshop is encouraged.

2. PL111 – Plumbing Fundamentals I – 9.0 Credit Hours

Curriculum Elements:

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

This course introduces students to fittings (plastic, copper, cast iron, and steel) in addition to water distribution systems. Students are taught how to identify and select proper hand tools, materials, load ratings, and equipment used in basic rigging to move materials and equipment.

3. PL112 – Math & Blueprint Reading I – 3.0 Credit Hours

Curriculum Elements:

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

In this course, students will be introduced to plumbing math consisting of formulas and equations for determining pipe weights, clearances, fitting allowances, and pipe bends. Students will also read, interpret, and apply blueprints. Topics will include symbols, terminology, floor plans, elevation, and mechanical plans.

4. PL120 – Waste Systems – 8.0 Credit Hours

Curriculum Elements:

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

Students will gain exposure to the biological and chemical actions of disposal systems, function and construction of sewer laterals, and determination of drain grades. In addition, students will identify functions, types, and locations of main housing traps, fresh air inlets, branches, waste stacks, and vent stacks.

5. PL121 – Plumbing Fundamentals II – 8.0 Credit Hours

Curriculum Elements:

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

Students will be exposed to potable water treatment, tools used on water supply systems, water pressure, hydrostatic pressure, basement water mains, and pressure-reducing valves. Pipe cleaning, hydro jets, and exaction techniques will be explored. Students will also engage in the process of heating water by installing circulating pipes and troubleshooting water heaters. Students will study the maintenance and repair of existing backflow prevention assemblies within a building.

6. PL122 – Math & Blueprint Reading II – 3.0 Credit Hours

Curriculum Elements:

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

A continuation of Math & Blueprint Reading I, students will study advanced plumbing math by calculating volumes of cubes and cylinders. Students will expand upon drawing fundamentals, read schematics, and diagram fluid power systems.

7. PL130 – Water Supply Systems – 7.0 Credit Hours

Curriculum Elements:

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

In this course, students will be introduced to water treatment and the tools utilized on water supply systems. Students are taught about water pressure, hydrostatic pressure, basement water mains, and pressure-reducing valves. Students will examine heat loss and how it relates to radiator size, applying ventilation principles and requirements for commercial buildings.

8. PL131 – Plumbing Fundamentals III – 7.0 Credit Hours

Curriculum Elements:

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

Students will be introduced to the installation of circulating pipes. In addition, students will troubleshoot electric, gas, and solar water heaters while gaining exposure to thermostats. Students will be exposed to soldering and welds required for plumbing, cameras, video inspection, and locators.

9. PL132 E – Externship (QTR 3) – 2.5 Credit Hours

Curriculum Elements:

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

Students will gain field experience under an externship agreement with Perry Technical Institute, the employer, and the student. Completion of the externship packet is required.

- This portion of the training gives students the opportunity to work for an employer, beginning on the first week of the third quarter and occurring every Thursday for the remainder of the program. Relevant industry related employers work closely with the program to ensure that students are receiving pertinent, on-the-job training. Students are still held to the strict policies of Perry Tech, including providing weekly attendance reports. While continuing to increase their knowledge with industry/trade specific skills, students are also able to learn additional employer specific safety content and work amongst industry peers; students learn what it takes to be a professional technician.

10. PL140 – Finish and Advanced Plumbing – 12.5 Credit Hours

Curriculum Elements:

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

This course will complete the home plumbing system: drain-waste vent, water shut-off, toilets, faucets, drains, dishwashers, food disposers, water heaters, showers/tubs, water softeners, icemakers, water filters, sinks, and gas lines. Students will also be instructed on drainage, back siphonage, sump pumps, conduction, convection, and radiation.

11. PL141 – Professional Development – 2.0 Credit Hours

Curriculum Elements:

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

This course helps students develop professionally by focusing on soft skills, career planning, and future growth. Students are taught proper communication skills for the plumbing industry. Topics will include verbal communication with co-workers and written communication such as filling out a timecard or a work order. Upon completion, students should be able to successfully interview for positions, develop training plans, and set goals for career advancement.

12. PL142 E – Externship (QTR 4) – 2.5 Credit Hours

Curriculum Elements:

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

Students will gain field experience under an externship agreement with Perry Technical Institute, the employer, and the student. Completion of the externship packet is required. If the student does not obtain an externship, completion of a capstone project is required.

- This portion of the training gives students the opportunity to work for an employer, beginning on the first week of the third quarter and occurring every Thursday for the remainder of the program. Relevant industry related employers work closely with the program to ensure that students are receiving pertinent, on-the-job training. Students are still held to the strict policies of Perry Tech, including providing weekly attendance reports. While continuing to increase their knowledge with industry/trade specific skills, students are also able to learn additional employer specific safety content and work amongst industry peers; students learn what it takes to be a professional technician.



May 1, 2024

Mr. Adam Rieker, Associate Dean of Education
Perry Technical Institute
2011 W. Washington Ave
Yakima, WA 98903

Dear Mr. Rieker:

The Construction Industry Training Council of Washington (CITC) is pleased to provide this letter of commitment to Perry Tech's Plumbing Technician program as you pursue recognition of your program as a pre apprenticeship program from the Washington State Apprenticeship and Training Council (WSATC).

CITC is a state-licensed, vocational trade school for the construction industry. We offer twelve state approved construction apprenticeship programs including carpentry, Electrical, HEO, HVAC, Glazier, Laborers, Painting, Plumbing, scaffold erector and sheet metal; twelve construction craft training programs; many state approved continuing education courses for license renewal; as well as, skills assessments, performance verifications, and targeted task training and skills upgrade courses for field construction professionals.

In support of Perry Tech's Plumbing Technology program, we can provide the following services:

- Direct entry opportunities for plumbing in technology graduates to enter CITC's plumbing apprenticeship program.
- Plumbing Technology graduates will receive 1 year of Related Supplemental Instruction credit in CITC's plumbing apprenticeship programs.
- Guidance and consultation regarding training needs and industry trends for employment.
- Industry experts who can present career information to Plumbing Technology students.
- Collaboration with Perry Tech to increase apprenticeship opportunities for Plumbing Technology students.

If you need any additional information, or if we can help serve your students in any other way, please feel free to contact me directly at 425-285-2324.

Sincerely,

Halene Sigmund, President
Construction Industry Training Council of Washington



Seattle Area Plumbing & Pipefitting Industry Journeymen & Apprentice Training Committee

595 Monster Rd SW, Suite 100 • Renton, WA 98057-2946
Phone: 425 271-5900 • Fax: 425 271-4985
www.seattlepipetrades.org



Memorandum of Understanding Articulation Agreement between Seattle Area Pipe Trades Apprenticeship & Perry Technical Institute Plumber Program

This agreement establishes a pre-apprenticeship pathway for graduates of the Perry Technical Institute Plumber Program (Perry Tech) with Seattle Area Pipe Trades Apprenticeship (SAPT). It signifies Perry Tech's efforts to link students to registered apprenticeship opportunities in accordance with RCW Chapter 49.04.160 and the Washington State Apprenticeship Training Council's policy 2012-13.

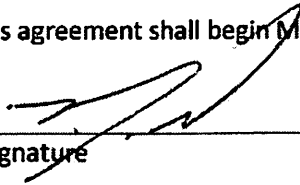
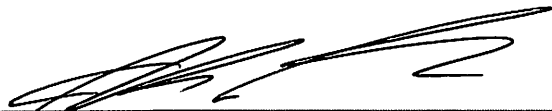
SAPT shall accept the following as evidence of satisfactorily meeting the following prerequisites to apply for apprenticeship:

1. Waiver of application requirements specified in Section 3 of this agreement will be granted to Perry Tech Plumber Program graduates by Seattle Area Pipe Trades Apprenticeship. s. All other prerequisites aside what is outlined in Section 3, will still be required of the applicant.
2. Waiver of application requirements does not constitute direct entry, because the candidates must still provide other SAPT application prerequisites and interview for apprenticeship. Acceptance into SAPT by any candidate is contingent on economic conditions, workforce demand, and the competitiveness of the candidate pool. Waiver of application requirements is contingent upon the joint cooperation of the two institutes.
3. Waiver of the following application requirements will only be given for Perry Tech Plumber Program Graduates:
 - a. Math Competency: Perry Tech Graduates who complete PL112 and PL122 and achieve a grade of 80%/B or better, and documented on a Perry Tech transcript, will satisfy the math placement requirements as they are specified in SAPT state-approved apprenticeship standards.
 - b. Proof of a non-DOT 5 or 10 panel UA as provided to Perry Tech when student is enrolled in Plumber program (if applicable; if a urinalysis is not required by Perry Tech, the applicant must still provide one to SAPT).

Students must complete the Perry Tech Plumber program in its entirety and submit a graduation certificate and sufficient documentation of math grade and negative DOT results in lieu of submitting application prerequisites as outlined in SAPT program standards. All other prerequisites to apply for SAPT apprenticeship must be provided by the student.

4. In addition to waived requirements for Perry Tech Plumber Program Graduates, those who successfully submit the other prerequisites and complete an application will be guaranteed an interview with SAPT. They will not be required to complete a hands-on test prior to interviews. Applicants must respond to SAPT correspondence they receive to confirm the interview date and time.
5. Both parties will evaluate this agreement every 3 years. Perry Tech will maintain its level of quality as determined by the Seattle Area Pipe Trades Apprenticeship program evaluation.

This agreement shall begin March 18, 2024.

 _____ Signature	 _____ Signature
<i>PJ Moss Training Coordinator</i> _____ Printed Name & Title	<i>Adam Kreker Associate Dean of Education</i> _____ Printed Name & Title
<i>5/6/24</i> _____ Date	<i>5-6-24</i> _____ Date
