

Department of Labor and Industries
 Apprenticeship Section
 PO Box 44530
 Olympia WA 98504-4530



For L&I Staff Use Only

<i>Christina Chance 12/9/2022</i>	<i>Teri Gardner 12-9-22</i>
<i>Christina Chance 12/11/2022</i>	<i>Teri Gardner 12-5-22</i>
L&I Apprenticeship Consultant	L&I Admin

**Request for Revision
of Standards**

TO: Washington State Apprenticeship & Training Council
 FROM: Grant County PUD No. 2 Apprenticeship Committee #192

Please update our Standards of Apprenticeship to reflect the following changes:

- Additions shall be underlined (underlined).
- Deletions shall be struck through (~~struck through~~).
- See attached.

Form must be signed by Committee Chair and Secretary or Program's Authorized Signer

<input type="checkbox"/> Chair	Date	<input type="checkbox"/> Secretary	Date
<input checked="" type="checkbox"/> Authorized Signer	12/8/2022		
Print Name: Leah Knopp		Print Name:	
Signature: <i>Leah Knopp</i>		Signature:	

Approved By: Washington State Apprenticeship & Training Council
Signature of Secretary of the WSATC:
Date:

Attach additional sheets if necessary

<u>Occupational Objective(s):</u>	<u>SOC#</u>	<u>Term [WAC 296-05-015]</u>
<u>FLEET SERVICE TECHNICIAN</u>	<u>49-3023.00</u>	<u>6000 HOURS</u>

IV. TERM OF APPRENTICESHIP:

The term of apprenticeship for Power System Electricians, Power Plant Operator, Electronic Technician, Hydro Electrician, Hydro Mechanic, Lineman, and Meter Relay Technician, and Fleet Service Technician apprenticeship positions shall be 6000 hours of reasonably continuous employment and experience in the principal operations of the trade, and at least 144 hours per year in courses of study in subjects related to the trade.

VII. APPRENTICE WAGES AND WAGE PROGRESSION:

c. Wage Progression Schedules

The current wage progression for Power System Electricians, Power Plant Operators, Hydro Mechanics, Electronic Technicians, Hydro Electricians, Lineman, ~~and~~ Meter Relay Technician, and Fleet Service Technician under this agreement is:

VIII. WORK PROCESSES:

I. Fleet Service Technician I:

Approximate Hours

1. **FAMILIARIZATION/SAFETY PROGRAMS..... 400 HRS.**
Shop routine, maintenance program training, general orientation, district/shop tours, safety training & practices; proper use/familiarization of shop equipment, PPE, proper marking of active work zones, overhead crane use/training, proper rigging/training; stay compliant

with District provided online training, 1st aid training, attendance & engagement with department safety meetings.

2. LIGHT DUTY VEHICLE AND TRAILER MAINTENANCE.....450 HRS.
PM program & repairs (A, B, C, D) inspections, Cars, Pickups, Vans, PM program & repairs on light duty trailers, trailer annual inspections.
3. HEAVY DUTY VEHICLE AND TRAILER MAINTENANCE (DOT) 600 HRS.
PM program & repairs (A, B, C, D, DOT) inspections on heavy vehicles {550 & up}. PM program & repairs on heavy trailers, trailer annuals, trailer DOT inspections and driving/pre-trip of commercial vehicles.
4. INDUSTRIAL EQUIPMENT MAINTENANCE400 HRS.
PM program & repairs on mobile & mounted equipment (pullers, tensioners, generators, compressors, auxiliary power units, etc.), backhoes, excavators, forklifts, including 90 day and EO100 inspections.
5. AERIAL EQUIPMENT MAINTENANCE & REPAIR900 HRS.
PM program & repairs on aerial lifts, digger derricks, cranes, & scissor lifts, including 30/90 day and annual inspections, Hydraulic system maintenance & repair, pressure adjustments (system, standby, pilot), system diagnostics, electric over hydraulic issues and adjustments, system familiarity (system design, filters, strainers, dielectric properties), high pressure hose fabrication.
6. CHASSIS 950 HRS.
All drivetrain & suspension diagnostic & repair (shocks, springs, steering components, drivelines, u joints, axles); light & heavy-duty brake system diagnostics & repairs (vehicles & trailers), on board air systems knowledge & troubleshooting, hydraulic, air, & electric brake systems operation; all tire & wheel maintenance & repair (flat repair, tire replacement, rotation, tire wear troubleshooting, etc.), equipment track/drive system repairs; all interior & exterior chassis & body repairs, including service bodies, door hinges, latches, seating & accessories, glass & mirrors.
7. POWERTRAIN..... 950 HRS.
Light duty & heavy-duty engine diagnostics & repairs (gas & diesel engines, EV & Hybrid engines/motors), no start, poor performance, after treatment & emissions systems, heating & cooling systems performance; automatic & manual transmission maintenance, diagnostic and repair of transmission, differential, axles, clutch, torque converter, transfer cases, or other items associated with powertrain components
8. ELECTRICAL850 HRS.
Electrical systems (vehicles, equipment, trailers) 12 volt & 24 volt & high voltage (EV & Hybrid engines/motors) battery & charging system diagnostics, testing, maintenance, & repair, lighting systems; HVAC system diagnostics, maintenance, & repairs, proper handling of freon, climate control systems, fans, blend door actuators, & auxiliary heating/cooling systems
9. FABRICATION250 HRS.
General metal fabrication & welding (shop & mobile), use of oxy-acetylene torch, plasma cutting, ARC & MIG welding; proper use of PPE, drills, drill press, grinders, chop saws,

misc.: ability to properly design, assemble, install custom fabricated components (including sandblasting, painting)

10. MOBILE FIELD WORK.....250 HRS.
All field troubleshooting & repair work (including road calls, yard delays, jump starts, etc.), ability to work off the service truck in unfavorable situations, follow proper procedures when responding to active work zones, substations, etc.

Total Hours: 6000 Hours

X. ADMINISTRATIVE/DISCIPLINARY PROCEDURES:

A. Administrative Procedures:

3. Sponsor Procedures:

h. Class A CDL License

For Power System Electricians, Hydro Mechanics, Hydro Electricians, Lineman, and Fleet Service Technician apprentices shall acquire during their apprenticeship and maintain during their term of apprenticeship, a class A CDL License.

[Reformat current lettering]

~~h. i.~~

~~i. i.~~

XI. SPONSOR - RESPONSIBILITIES AND GOVERNING STRUCTURE

E. Committee governance (if applicable): (see WAC 296-05-009)

[Please delete and replace committee in its entirety]

c. The employer representatives shall be:
(Grant County Public Utility District)

Jacob Johnson, Chair
PO Box 878
Ephrata, WA 98823

Tyler Delong
PO Box 878
Ephrata, WA 98823

Mindy Johnston
PO Box 878
Ephrata, WA 98823

Jack Mizner, Alternate
PO Box 878
Ephrata, WA 98823

Jeremy Robertson
PO Box 878
Ephrata, WA 98823

d. The employee representatives shall be:

(IBEW Local 77)

Andy Martin, Secretary
PO Box 878
Ephrata, WA 98823

John Bowkett
PO Box 878
Ephrata, WA 98823

Rebekah Lutz
PO Box 878
Ephrata, WA 98823

Eric Huber
PO Box 878
Ephrata, WA 98823

David Boggs, Alternate
PO Box 878
Ephrata, WA 98823

XIII. TRAINING DIRECTOR/COORDINATOR:

~~Katie Boswell~~ **Erika Belmontes, Training Director/Coordinator**
PO Box 878
Ephrata, WA 98823



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Journey Level Wage Rate

From which apprentices' wage rates are computed

TO: Washington State Apprenticeship & Training Council

FROM: Grant County PUD No. 2 Apprenticeship Committee #192

Occupation:	County(ies):	Journey Level Wage Rate:	Effective Date:
Fleet Services Journeyman Technician	Grant	\$ 48.00	JAN 1, 2023
		\$	
		\$	
		\$	

Sponsors must submit the journey-level wage at least annually or whenever changed to the Department.

Form must be signed by Committee Chair and Secretary or Program's Authorized Signer

<input type="checkbox"/> Chair	Date	<input type="checkbox"/> Secretary	Date
<input checked="" type="checkbox"/> Authorized Signer	12/1/2022		
Print Name: Leah Knopp	Print Name:		
Signature: <i>Leah Knopp</i>	Signature:		

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**Apprenticeship
Related/Supplemental
Instruction (RSI) Plan Review**

Program Name Grant County PUD No. 2 Apprenticeship Committee #192	
Occupation Fleet Service Technician	
Term/OJT Hours 3 years/6,000 hrs.	Total RSI Hours 520 hrs.
Training Provider Big Bend Community College	

By the signature placed below, the **program sponsor** agrees to provide the prescribed RSI for each registered apprentice and assures that:

1. The RSI content and delivery method is and remains reasonably consistent with the latest occupational practices, improvements, and technical advances.
2. The RSI is coordinated with the on-the-job work experience.
3. The RSI is provided in safe and healthful work practices in compliances with WISHA and applicable federal and state regulations.
4. The RSI Plan is maintained, updated and submitted to the Department a minimum of once every 5 years (WSATC Policy 2015-01; rev, 10-21-21).
5. The RSI will be conducted by instructors who meet the qualification of the “competent instructor” as described in WAC 296-05-003:
 - a. Has demonstrated a satisfactory employment performance in her/her occupation for a minimum of three years beyond the customary learning period for that occupation; and
 - b. Meets the State Board for Community and Technical Colleges requirements for a professional technical instructor (see WAC 131-16-080 through -094), or be a subject matter expert, which is an individual, such as a journey worker, who is recognized within the industry as having expertise in a specific occupation; and
 - c. Has training in teaching techniques and adult learning styles, which may occur before or within one year after the apprenticeship instructor has started to provide the related technical instruction.
6. If using alternative forms of instruction, such as correspondence, electronic media, or other self-study, instruction shall be clearly defined.

Signatures on next page

Form must be signed by Committee Chair *and* Secretary or Program's Authorized Signer

<input type="checkbox"/> Chair	Date	<input type="checkbox"/> Secretary	Date
<input checked="" type="checkbox"/> Authorized Signer	12/8/2022		
Print Name: Leah Knopp		Print Name:	
Signature: <i>Leah Knopp</i>		Signature:	

Training Provider Signature

Approved By (Print Name): Daneen Berry-Guerin	Title: Dean of Workforce Education
Signature of the Training Provider: <i>[Signature]</i>	
Date: 10.25.2022	

If additional training providers are needed, go to page 4.

SBCTC

Print Name:	Title:
Signature of the Program Administrator:	
Date:	
<input type="checkbox"/> SBCTC recommends approval	<input type="checkbox"/> SBCTC recommends return to sponsor

Program Name Grant County PUD No. 2 Apprenticeship Comm.	Occupational Objective Fleet Services Journeyman Technician
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Note: The description of each element must be in sufficient detail to provide adequate information for review by the SBCTC and Review Committee. To add more elements, click on the plus sign that appears below the "Description of Element/Course" field.

Describe minimum hours of study per year in terms of (check one):

- 12-month period from date of registration.
- Defined 12-month school year.
- 2,000 hours of on-the-job training.

1st Year Total Hours: 188

Element/Course: Shop Safety & Environmental Issues	Planned Hours: 12
Mode of Instruction (check all that apply) <input checked="" type="checkbox"/> Classroom <input checked="" type="checkbox"/> Lab <input type="checkbox"/> Online <input type="checkbox"/> Self-Study Provided by: Big Bend Community College	
Description of element/course: This course covers automotive shop safety rules, procedures, and shop equipment operation and is required before a student is allowed to work in the automotive laboratory. The proper handling, storage, and disposal of automotive related hazardous waste is also covered (or equivalent course/training).	

Element/Course: Agricultural Mechanics Workplace Safety	Planned Hours: 11
Mode of Instruction (check all that apply) <input type="checkbox"/> Classroom <input type="checkbox"/> Lab <input checked="" type="checkbox"/> Online <input type="checkbox"/> Self-Study Provided by: Big Bend Community College	
Description of element/course: In this course, students will learn to identify and mitigate potential hazards relating to the field of agricultural mechanics. Students will learn workplace and shop safety best practices (or equivalent course/training).	

Element/Course: Workplace Skills & Behaviors	Planned Hours: 44
Mode of Instruction (check all that apply) <input checked="" type="checkbox"/> Classroom <input type="checkbox"/> Lab <input checked="" type="checkbox"/> Online <input type="checkbox"/> Self-Study Provided by: Big Bend Community College	
Description of element/course: Practical application-oriented study of interpersonal skills and behaviors for the workplace. Topics included are communication, ethics at work, decision making, teamwork, conflict resolution, diversity, etiquette, adapting to change, and work life balance (or equivalent course/training).	

Element/Course: Applied Mathematics	Planned Hours: 55
Mode of Instruction (check all that apply) <input checked="" type="checkbox"/> Classroom <input type="checkbox"/> Lab <input type="checkbox"/> Online <input type="checkbox"/> Self-Study Provided by: Big Bend Community College	
Description of element/course: This class provides review and instruction in whole numbers, decimals, fractions, measurement, ratio, proportion, percent, introduction to algebra, and introduction to geometry. This basic instruction and review is followed by vocational program specific mathematics instruction. Students will study mathematics for welding or automotive repair. The emphasis is on providing practice in related job specific skills (or equivalent course/training).	

Element/Course: Applied Technical Writing	Planned Hours: 33
Mode of Instruction (check all that apply) <input checked="" type="checkbox"/> Classroom <input checked="" type="checkbox"/> Lab <input type="checkbox"/> Online <input type="checkbox"/> Self-Study Provided by: Big Bend Community College	
Description of element/course: The course prepares students for successful careers in their respective technical fields by developing skills in written communications commonly used in the workplace. Students will focus on reading, interpreting, planning, organizing, composing, and word processing technical writing as applied in business and industry (or equivalent course/training).	

Element/Course: Introduction to Industrial Safety & Health	Planned Hours: 33
Mode of Instruction (check all that apply) <input checked="" type="checkbox"/> Classroom <input type="checkbox"/> Lab <input type="checkbox"/> Online <input type="checkbox"/> Self-Study Provided by: Big Bend Community College	
Description of element/course: Introduction to basic industrial safety and health incorporating OSHA/WISHA rules and regulations, personal protective equipment, chemical safety, tool safety, material handling safety, machine safety, electrical safety, fire protection, health protection and safe working practices (or equivalent course/training).	

2nd Year Total Hours: 178

Element/Course: Shop Skills I	Planned Hours: 44
Mode of Instruction (check all that apply) <input checked="" type="checkbox"/> Classroom <input checked="" type="checkbox"/> Lab <input type="checkbox"/> Online <input type="checkbox"/> Self-Study Provided by: Big Bend Community College	
Description of element/course: This course will introduce students to measuring devices commonly used in agricultural mechanics. Students will demonstrate proper tool usage techniques as well as the ability to accurately read measuring devices such as calipers, beakers, micrometers, dial indicators, and tape measures (or equivalent course/training).	

Element/Course: Industrial First Aid	Planned Hours: 24
Mode of Instruction (check all that apply) <input checked="" type="checkbox"/> Classroom <input checked="" type="checkbox"/> Lab <input type="checkbox"/> Online <input type="checkbox"/> Self-Study Provided by: Big Bend Community College	
Description of element/course: An advanced industrial first aid course and bloodborne pathogen course designed to meet the Department of Labor and Industry, OSHA and WISHA requirements. Intended for supervisory personnel, employees, pre-nursing, Pre-Emergency Medical Technicians, and those interested in having first aid and C.P.R. training. This course is recognized in the U.S. and several foreign countries by federal and state agencies and company employers (or equivalent course/training).	

Element/Course: Thermal Cutting & Welding	Planned Hours: 88
Mode of Instruction (check all that apply) <input checked="" type="checkbox"/> Classroom <input type="checkbox"/> Lab <input type="checkbox"/> Online <input type="checkbox"/> Self-Study Provided by: Big Bend Community College	
Description of element/course: Various techniques of steel cutting with oxy-fuel, air carbon arc, plasma arc processes and oxy-acetylene welding and brazing with various metals (or equivalent course/training).	

Element/Course: Basic Keyboarding	Planned Hours: 22
Mode of Instruction (check all that apply) <input type="checkbox"/> Classroom <input type="checkbox"/> Lab <input checked="" type="checkbox"/> Online <input type="checkbox"/> Self-Study	
Provided by: Big Bend Community College	
Description of element/course: This course gives emphasis to learning the keyboard; namely, the alphabet, numbers, and symbols. This course is designed for the individual who has never taken a keyboarding class, who may want to renew keyboarding skills, or who wants to change keyboarding habits (or equivalent course/training).	

3rd Year Total Hours: 154

Element/Course: Hydraulics I	Planned Hours: 88
Mode of Instruction (check all that apply) <input checked="" type="checkbox"/> Classroom <input checked="" type="checkbox"/> Lab <input type="checkbox"/> Online <input type="checkbox"/> Self-Study	
Provided by: Big Bend Community College	
Description of element/course: This course introduces students to hydraulic fundamentals and hydraulic safety. Students will learn how hydraulic flow and pressure is created and how it is harnessed to produce mechanical motion in open-center and closed-center systems. Upon successful completion of the course, students will be able to understand hydraulic system components and be able to articulate how they synergize to form a system. Additionally, students will be able to decipher basic hydraulic schematics (or equivalent course/training).	

Element/Course: Gas Metal Arc Welding I	Planned Hours: 66
Mode of Instruction (check all that apply) <input type="checkbox"/> Classroom <input checked="" type="checkbox"/> Lab <input type="checkbox"/> Online <input type="checkbox"/> Self-Study	
Provided by: Big Bend Community College	
Description of element/course: Students will learn to apply the Gas Metal Arc Welding (MIG) process on steel in all positions using the short circuit transfer mode and the spray transfer mode in the flat and horizontal positions(or equivalent course/training).	

Additional Training Providers (if necessary)

[Click or tap here to enter text.](#)

Print Name Training Provider

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Title of Training Provider

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Print Name Training Provider

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