

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



## Request for Revision of Standards

For L&I Staff Use Only	
EH 3/3/23	<i>Teri Gardner 3-9-23</i>
EH 3/9/23	<i>Teri Gardner 3-3-23</i>
L&I Apprenticeship Consultant	L&I Admin

TO: Washington State Apprenticeship & Training Council  
 FROM: Pierce Transit/ATU Local #758 Apprenticeship Committee # 300

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 checked="" type="checkbox"/> Chair	Date	<input checked="" type="checkbox"/> Secretary	Date
<input type="checkbox"/> Authorized Signer	2 March 2023		2 March 2023
Print Name: Pat Milner		Print Name: Brent A. Riffel	
Signature: <i>Pat Milner</i>		Signature: <i>Brent A. Riffel</i>	

Approved By: <b>Washington State Apprenticeship &amp; Training Council</b>
Signature of Secretary of the WSATC:
Date:

*Attach additional sheets if necessary*

FROM: Pierce Transit/ATU Local #758 Apprenticeship Committee # 300

<u>Occupational Objective(s):</u>	<u>SOC#</u>	<u>Term [WAC 296-05-015]</u>
<u>BODY REPAIRER BUS</u>	<u>49-3021.00</u>	<u>8000 HOURS</u>
<u>COMMUNICATIONS TECHNICIAN</u>	<u>49-2096.00</u>	<u>8000 HOURS</u>

**Sponsor Introductory Statement:**

~~Purpose of Program: The purpose of this program is to establish an on-the-job training program which will lead to the status of certified journey-level mechanics.~~

PIERCE TRANSIT/ATU LOCAL #758 APPRENTICESHIP COMMITTEE established on-the-job training paths which will lead to the status of State Certified Journey-Level Transit Bus Mechanic, Body Repairer Bus and Communications Technician.

**II. MINIMUM QUALIFICATIONS:**

[please renumber where applicable]

**Age:** Applicant must be at least ~~eighteen (18)~~ twenty-one (21) years of age at the time of appointment as an apprentice ~~mechanic~~.

**Physical:** ~~Physically able to safely perform essential functions of the job with or without reasonable accommodations. Must be able to safely maneuver 50 pounds. NONE~~

- Other:**
- a. ~~Must be able to provide documents which clearly show evidence of experience and education.~~
  - b. ~~Must possess a valid Washington State Driver License at time of hire~~

**III. CONDUCT OF PROGRAM UNDER WASHINGTON EQUAL EMPLOYMENT OPPORTUNITY PLAN:**

A. Selection Procedures:

~~Exempt under WAC 296-05-405(1)(a)-(b)~~

B. Equal Employment Opportunity Plan:

~~Exempt under WAC 296-05-405(1)(a)-(b)~~

**IV. TERM OF APPRENTICESHIP:**

~~The term of apprenticeship will be approximately 48 months/8000 hours or 200 weeks of employment.~~

The term of apprenticeship for Body Repairer Bus, Communications Technician and Coach Heavy Duty Diesel Mechanic shall be approximately 8,000 hours of reasonably consistent employment.

**V. INITIAL PROBATIONARY PERIOD:**

~~The probationary period for apprentices shall be 6 months/1000 hours of employment, whichever comes first.~~

The probationary period for apprentices in all occupations listed on these standards shall be the first 1040 hours of employment.

**VI. RATIO OF APPRENTICES TO JOURNEY LEVEL WORKERS**

~~There will not be more than one (1) apprentice to every one (1) journey-level mechanic per work group.~~

There will not be more than one (1) apprentice to every one (1) journey-level Coach Heavy Duty Mechanic per work group.

There will not be more than one (1) apprentice to every one (1) journey-level Body Repairer Bus per work group.

There will not be more than one (1) apprentice to every one (1) journey-level Communications Technician per work group.

**VII. APPRENTICE WAGES AND WAGE PROGRESSION:**

**D. Body Repairer Bus**

<u>Step</u>	<u>Number of hours/months</u>	<u>Percentage of journey-level rate</u>
<u>1</u>	<u>0000 - 2000 hours</u>	<u>80% of journey-level rate or basic wage, whichever is higher</u>
<u>2</u>	<u>2001 - 4000 hours</u>	<u>85% of journey-level rate</u>
<u>3</u>	<u>4001 - 6000 hours</u>	<u>90% of journey-level rate</u>
<u>4</u>	<u>6001 - 8000 hours</u>	<u>95% of journey-level rate</u>

**E. Communications Technician**

<u>Step</u>	<u>Number of hours/months</u>	<u>Percentage of journey-level rate</u>
<u>1</u>	<u>0000 - 2000 hours</u>	<u>80% of journey-level rate or basic wage, whichever is higher</u>
<u>2</u>	<u>2001 - 4000 hours</u>	<u>85% of journey-level rate</u>
<u>3</u>	<u>4001 - 6000 hours</u>	<u>90% of journey-level rate</u>
<u>4</u>	<u>6001 - 8000 hours</u>	<u>95% of journey-level rate</u>

**VIII. WORK PROCESSES:**

**B. Body Repair Bus**

**Approximate Hours**

- 1. Body Shop Orientation .....172**

<u>2.</u>	<u>Painting and Refinishing (Surface Preparation)</u> .....	<u>474</u>
<u>3.</u>	<u>Spray Gun Operation &amp; Related Equipment</u> .....	<u>82</u>
<u>4.</u>	<u>Paint Mixing, Matching, and Applying</u> .....	<u>288</u>
<u>5.</u>	<u>Solving Paint Problems During the Application Process</u> .....	<u>104</u>
<u>6.</u>	<u>Finish Defects, Causes, and Cures</u> .....	<u>376</u>
<u>7.</u>	<u>Safety Precautions</u> .....	<u>72</u>
<u>8.</u>	<u>Non-Structural Analysis &amp; Damage Repair</u> .....	<u>200</u>
<u>9.</u>	<u>Outer Body Panel Repairs, Replacements, and Adjustments</u> .....	<u>552</u>
<u>10.</u>	<u>Metal Finishing &amp; Body Filling</u> .....	<u>240</u>
<u>11.</u>	<u>Glass &amp; Hardware</u> .....	<u>144</u>
<u>12.</u>	<u>Welding, Cutting, Joining &amp; Removal</u> .....	<u>480</u>
<u>13.</u>	<u>Plastic Repair</u> .....	<u>152</u>
<u>14.</u>	<u>Structural Analysis/Damage Repair (Frame Insp. &amp; Repair)</u> .....	<u>464</u>
<u>15.</u>	<u>Unibody &amp; Unitized Structure Insp., Measurement, &amp; Repair</u> .....	<u>520</u>
<u>16.</u>	<u>Stationary Glass</u> .....	<u>120</u>
<u>17.</u>	<u>Mechanical &amp; Electrical Components (Suspension &amp; Steering)</u> .....	<u>704</u>
<u>18.</u>	<u>Electrical</u> .....	<u>328</u>
<u>19.</u>	<u>Brakes</u> .....	<u>136</u>
<u>20.</u>	<u>Heating &amp; A/C</u> .....	<u>176</u>
<u>21.</u>	<u>Engine Cooling Systems</u> .....	<u>40</u>
<u>22.</u>	<u>Drive Train</u> .....	<u>144</u>
<u>23.</u>	<u>Fuel, Intake &amp; Exhaust Systems</u> .....	<u>88</u>
<u>24.</u>	<u>Restraint Systems</u> .....	<u>112</u>
<u>25.</u>	<u>Damage Analysis &amp; Estimating</u> .....	<u>280</u>
<u>26.</u>	<u>Estimating</u> .....	<u>264</u>
<u>27.</u>	<u>Legal &amp; Environmental Practices</u> .....	<u>24</u>
<u>28.</u>	<u>Vehicle Construction</u> .....	<u>128</u>
<u>29.</u>	<u>Fuel, Intake, Exh. &amp; Emission Cont. (Incl. Elect., Hybrid &amp; Alt. Fuels</u> .....	<u>40</u>
<u>30.</u>	<u>Suspension, Steering &amp; Powertrain</u> .....	<u>24</u>
<u>31.</u>	<u>Fasteners &amp; Materials</u> .....	<u>16</u>
<u>32.</u>	<u>Parts Identification &amp; Source Determination</u> .....	<u>36</u>
<u>33.</u>	<u>Transit bus Systems, Sub-Systems &amp; Components</u> .....	<u>996</u>
<u>34.</u>	<u>Resources</u> .....	<u>24</u>

Total Hours 8000

C. Communications Technician

Approximate Hours

<u>1.</u>	<u>General Electrical</u> .....	<u>468</u>
<u>2.</u>	<u>Preventive Maintenance &amp; Inspection (PMI)</u> .....	<u>532</u>
<u>3.</u>	<u>Maintenance Data Collection Systems (EAM) / Tech. Data / Misc</u> .....	<u>500</u>
<u>4.</u>	<u>Mobile Camera System (APOLLO / Safety Vision</u> .....	<u>400</u>
<u>5.</u>	<u>Mobile &amp; Portable Radios</u> .....	<u>400</u>
<u>6.</u>	<u>Emergency Alarms</u> .....	<u>400</u>
<u>7.</u>	<u>ORCA System</u> .....	<u>400</u>
<u>8.</u>	<u>Zonar System</u> .....	<u>400</u>
<u>9.</u>	<u>CAD / AVL System</u> .....	<u>400</u>
<u>10.</u>	<u>Drive Cam System</u> .....	<u>400</u>

<u>11. Opticom System .....</u>	<u>400</u>
<u>12. Fleetwatch System.....</u>	<u>300</u>
<u>13. Bus Commissioning.....</u>	<u>600</u>
<u>14. Bus Decommissioning .....</u>	<u>500</u>
<u>15. Shuttle Commissioning.....</u>	<u>300</u>
<u>16. Shuttle Decommissioning .....</u>	<u>300</u>
<u>17. Service Supervisor Van Commissioning.....</u>	<u>300</u>
<u>18. Service supervisor Van Decommissioning.....</u>	<u>300</u>
<u>19. Relief Van Commissioning .....</u>	<u>200</u>
<u>20. Relief Van Decommissioning .....</u>	<u>200</u>
<u>21. Field Service .....</u>	<u>300</u>

Total Hours 8000

**IX. RELATED/SUPPLEMENTAL INSTRUCTION:**

A. The methods of related/supplemental training must be indicated below (check those that apply):

Supervised field trips

Sponsor approved training seminars (specify) ~~(Tool and equipment manufacturers seminars provided by and approved by Pierce Transit)~~

Sponsor approved online or distance learning courses (specify) ~~(Tool and equipment manufacturers seminars provided by and approved by Pierce Transit)~~

Sponsor Provided (lab/classroom)

B. **144 (SEE BELOW)** Minimum RSI hours per year defined per the following [see WAC 296-05-015(6)]:

Twelve-month period from date of registration.\*

Defined twelve-month school year: **(insert month)** through **(insert month)**.

Two-thousand hours of on the job training.

C. Additional Information:

**NONE**

**COACH HEAVY DUTY MECHANIC - 144 Minimum RSI hours per year defined**  
**BODY REPAIRER BUS – 287.75 Minimum RSI hours per year defined**  
**COMMUNICATIONS TECHNICIAN – 193 Minimum RSI hours per year defined**

**X. ADMINISTRATIVE/DISCIPLINARY PROCEDURES:**

*[Please renumber accordingly]*

**A. Administrative Procedures:**

**3. Sponsor Procedures:**

~~(e) Upon acceptance into the program the apprentice must be in possession of a "starter" or small set of tools consisting of:~~

~~(1) Coach Heavy Duty Mechanic:~~

- ~~(a) One (1) 1/4 inch square drive socket set~~
- ~~(b) One (1) 3/8 inch square drive socket set including SAE and metric sockets~~
- ~~(c) One (1) 1/2 inch square drive socket set including up to 1 1/8 inch sockets~~
- ~~(d) One (1) combination wrench set, 1/4 inch to 1 1/4 inch~~
- ~~(e) One (1) pair water pump pliers 9 1/2 inch minimum~~
- ~~(f) Two (2) pair vise grip pliers 6 inch and ten inch~~
- ~~(g) One (1) pair diagonal cutting pliers 6 inch minimum~~
- ~~(h) One (1) pair long nose pliers 6 inch minimum~~
- ~~(i) One (1) pair slip joint pliers 8 inch minimum~~
- ~~(j) One (1) 12 piece punch, chisel and line-up set~~
- ~~(k) One (1) 8 inch adjustable wrench~~
- ~~(l) One (1) 12 inch adjustable wrench~~
- ~~(m) One (1) hacksaw~~
- ~~(n) One (1) standard blade screwdriver set, 1/4 inch to 1/2 inch blade~~
- ~~(o) One (1) Phillips screwdriver set #1, 2 and 3 tips~~
- ~~(p) One (1) Hex key set~~
- ~~(q) One (1) rolling wedge bar~~
- ~~(r) One (1) eight ounce ball peen hammer~~
- ~~(s) One (1) sixteen ounce ball peen hammer~~
- ~~(t) One (1) three pound hammer~~
- ~~(u) One (1) fourteen inch pipe wrench~~
- ~~(v) One (1) flashlight~~
- ~~(w) One (1) Volt/Ohm meter~~
- ~~(x) One (1) roll-away tool cabinet~~

~~Upon acceptance into the program, an apprentice toolbox and tools will be provided as needed for use. The apprentice shall acquire personal tools as he/she progresses through the program, and/or possesses an appropriate set of personal tools commensurate to a Journey Level Mechanic upon completion of the program. Upon completion of the program, the apprentice toolbox will be returned to the Training Coordinator in good working order.~~

~~(e) The apprenticeship committee shall use consistent and equal ways to evaluate and award any credit for previous experience. The granting of credit for previous experience shall be applied equally to all apprentices and shall be ~~measure~~ measured against the work processes.~~

~~(j) Apprentices must be able to obtain a Class B Commercial Driver License Permit within 30 days of employment start date. Apprentices must obtain a Class B Commercial Driver License with air brakes and passenger endorsements within 90 days of employment start date.~~

(j) Apprentices must be able to obtain permits for a Class B Commercial Driver License with Air Brakes and Passenger endorsements prior to employment start date.

(k) Apprentices must complete driver training for Class B Commercial Driver License with Air Brakes and Passenger endorsements within 90 days of employment start date.

(l) Apprentices will maintain a Class B Commercial Driver License with Air Brakes and Passenger endorsements for the duration of the program.

B.3.

c) Failure to maintain a Class B Commercial Driver License with Air Brakes and Passenger endorsements shall result in automatic cancelation from the program.

XI. SPONSOR – RESPONSIBILITIES AND GOVERNING STRUCTURE

E.1.

*[Please delete and replace committee with the following]*

c. The employer representatives shall be:

Brent Riffel, Secretary  
3701 96th St. SW  
Lakewood, WA 98499

William Serenbetz  
3701 96th St. SW  
Lakewood, WA 98499

Tiffany Williams  
3701 96th St. SW  
Lakewood, WA 98499

Aaron Lenk  
3701 96th St. SW  
Lakewood, WA 98499

Sean Derry, Alternate  
3701 96th St. SW  
Lakewood, WA 98499

d. The employee representatives shall be:

Pat Milner, Chair  
3701 96th St. SW  
Lakewood, WA 98499

Adrian Jafari,  
3701 96th St. SW  
Lakewood, WA 98499

John Gumataotao  
3701 96th St. SW  
Lakewood, WA 98499

Andrew Wheeler  
3701 96th St. SW  
Lakewood, WA 98499

Kim Huynh, Alternate  
3701 96th St. SW  
Lakewood, WA 98499

**For L&I Staff Use Only**

EH 3/3/23

*Teri Gardner 3-3-23*

EH 3/9/23

*Teri Gardner 3-10-23*

L&I Apprenticeship Consultant

L&I Admin

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 Apprenticeship Section  
 PO Box 44530  
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**Journey Level Wage Rate**

From which apprentices' wage rates are computed

TO: Washington State Apprenticeship & Training Council

FROM: PIERCE TRANSIT / ATU LOCAL #758 APPRENTICESHIP COMMITTEE

Occupation:	County(ies):	Journey Level Wage Rate:	Effective Date:
Body Repairer, Bus	Pierce	\$ 34.62	1 Jan 23
Communications Technician	Pierce	\$ 36.50	1 Jan 23
		\$	
		\$	

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 checked="" type="checkbox"/> Chair	Date	<input checked="" type="checkbox"/> Secretary	Date
<input type="checkbox"/> Authorized Signer	6 Mar 2023		6 Mar 2023
Print Name: Pat Milner	Print Name: Brent Riffel		
Signature: <i>Pat Milner</i>	Signature: <i>Brent Riffel</i>		



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EH 3/9/23

*Teri Gardner 3-9-23*

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



Program Name Pierce Transit / ATU Local #758 Apprenticeship Committee	
Occupation Body Repairer Bus	
Term/OJT Hours 8000	Total RSI Hours 1151
Training Provider Pierce Transit / ATU Local #758 Apprenticeship Committee	

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 checked="" type="checkbox"/> Chair <input type="checkbox"/> Authorized Signer	Date 2 March 2023	<input checked="" type="checkbox"/> Secretary	Date 2 March 2023
Print Name: Pat Milner		Print Name: Brent A. Riffel	
Signature: 		Signature: 	

**Training Provider Signature**

Approved By (Print Name): Brent A. Riffel	Title: Pierce Transit Maintenance Training Coordinator
Signature of the Training Provider: 	
Date: 2 March 2023	

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 Pierce Transit / ATU Local #758 Apprenticeship CommitteeProgram NameProgram Name	Occupational Objective Body Repairer Bus
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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.

Element/Course: Defensive Driving – YEAR 1	Planned Hours: 4
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: Pierce Transit	
Description of element/course: Washington State Transportation Insurance Pool (WSTIP) approved training	

Element/Course: Basic Welding Skills - Certificate of Achievement – YEAR 3, 4	Planned Hours: 510
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: Pierce Transit	
Description of element/course: This certificate prepares students for entry-level positions in welding as an apprentice or shop helper.	

Element/Course: Commercial Driver's License (B / P endorsement) – YEAR 1	Planned Hours: 160
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: Pierce Transit	
Description of element/course: Formal CDL training	

Element/Course: Industrial Safety Compliance Training – YEAR 1	Planned Hours: 40
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: NEOGOV provided by Pierce Transit	
Description of element/course: OSHA, L&I, and WISHA required industrial safety training.	

Element/Course: Shop Practices – YEAR 1	Planned Hours: 60
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: Pierce Transit	
Description of element/course: Parts Ordering, Warranty, Administrative processes, Maintenance Data Collection System (EAM)	

Element/Course: Alcohol Drug Awareness Program – YEAR 1	Planned Hours: 4
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: Pierce Transit	
Description of element/course: Provide understanding of the requirements under FTA required D&A program.	

<b>Element/Course:</b> Wheelchair Lifts – YEAR 2	<b>Planned Hours:</b> 2
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 <b>Provided by:</b> MCI Academy provided by Pierce Transit	
Description of element/course: Wheelchair lift operation & preventative maintenance	

<b>Element/Course:</b> Natural Gas Vehicle (NGVi) Essentials & Safety Practices – YEAR 2	<b>Planned Hours:</b> 8
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 <b>Provided by:</b> NGVi provided by Pierce Transit	
Description of element/course: Fundamentals of safely working w/ natural gas as a fuel on both CNG and LNG fuel systems.	

<b>Element/Course:</b> Annual Safety Compliance Training – YEAR 1,2,3,4	<b>Planned Hours:</b> 160
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 <b>Provided by:</b> NEOGOV provided by Pierce Transit	
Description of element/course: Annual required OSHA and workplace refresher training	

<b>Element/Course:</b> Annual Safety Meeting – YEAR 1,2,3,4	<b>Planned Hours:</b> 32
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 <b>Provided by:</b> Pierce Transit	
Description of element/course: Annual required safety training Local Safety Requirements produced by Pierce Transit Safety Office	

<b>Element/Course:</b> Electrical & Diagnostics Technician – YEAR 2	<b>Planned Hours:</b> 25
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 <b>Provided by:</b> iCar provided by Pierce Transit	
Description of element/course: An Electrical/Diagnostics Technician follows OEM information for scanning and calibration during the collision repair process.	

<b>Element/Course:</b> Estimator – YEAR 2	<b>Planned Hours:</b> 46
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 <b>Provided by:</b> iCar provided by Pierce Transit	
Description of element/course: Estimators inspect, analyze and evaluate damaged vehicles to create a comprehensive and accurate damage report.	

<b>Element/Course:</b> Mechanical Technician – YEAR 2	<b>Planned Hours:</b> 20
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 <b>Provided by:</b> iCar provided by Pierce Transit	
Description of element/course: A Mechanical Technician diagnoses and repairs collision-related mechanical damage including – but not limited to – steering, suspension, air conditioning, engine, brake, restraint, and electrical systems.	

<b>Element/Course:</b> Non-Structural Technician – YEAR 2	<b>Planned Hours:</b> 30
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 <b>Provided by:</b> iCar provided by Pierce Transit	
Description of element/course: Non-Structural Technicians restore damaged exterior panels to their original integrity, function and appearance.	

Element/Course: Hot Work Training – YEAR 1	Planned Hours: 2
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: iCar provided by Pierce Transit	
Description of element/course: Safety training practices and proper procedures for hot work in the shop environment	

Element/Course: Refinish Technician – YEAR 3	Planned Hours: 21
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: iCar provided by Pierce Transit	
Description of element/course: Refinish Technicians prepare and apply paint to repaired vehicles to restore a vehicle’s appearance to pre-accident condition.	

Element/Course: Structural Technician – YEAR 3	Planned Hours: 21
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: iCar provided by Pierce Transit	
Description of element/course: Structural Technicians restore structural dimensions and structural integrity to collision-damaged vehicles.	

Element/Course: Heavy Duty (HD) Truck – YEAR 3	Planned Hours: 6
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: iCar provided by Pierce Transit	
Description of element/course: Provide foundational training for complete, safe and quality collision repairs in the medium and heavy duty truck space.	

Element/Course: Element/Course	Planned Hours: Hours
Mode of Instruction (check all that apply) <input type="checkbox"/> Classroom <input type="checkbox"/> Lab <input type="checkbox"/> Online <input type="checkbox"/> Self-Study Provided by: Provided by.	
Description of element/course: Click or tap here to enter text.	

Element/Course: Element/Course	Planned Hours: Hours
Mode of Instruction (check all that apply) <input type="checkbox"/> Classroom <input type="checkbox"/> Lab <input type="checkbox"/> Online <input type="checkbox"/> Self-Study Provided by: Provided by.	
Description of element/course: Click or tap here to enter text.	

Element/Course: Element/Course	Planned Hours: Hours
Mode of Instruction (check all that apply) <input type="checkbox"/> Classroom <input type="checkbox"/> Lab <input type="checkbox"/> Online <input type="checkbox"/> Self-Study Provided by: Provided by.	
Description of element/course: Click or tap here to enter text.	

Element/Course: Element/Course	Planned Hours: Hours
Mode of Instruction (check all that apply) <input type="checkbox"/> Classroom <input type="checkbox"/> Lab <input type="checkbox"/> Online <input type="checkbox"/> Self-Study Provided by: Provided by.	
Description of element/course: Click or tap here to enter text.	

Element/Course: <input type="text" value="Element/Course"/>	Planned Hours: <input type="text" value="Hours"/>
Mode of Instruction (check all that apply) <input type="checkbox"/> Classroom <input type="checkbox"/> Lab <input type="checkbox"/> Online <input type="checkbox"/> Self-Study	
Provided by: <input type="text" value="Provided by."/>	
Description of element/course: <input type="text" value="Click or tap here to enter text."/>	

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



**For L&I Staff Use Only**

EH 3/3/23	<i>Teri Gardner 3-9-23</i>
EH 3/9/23	<i>Teri Gardner 3-3-23</i>
L&I Apprenticeship Consultant	L&I Admin

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

Program Name Pierce Transit / ATU Local #758 Apprenticeship Committee	
Occupation Communications Technician	
Term/OJT Hours 8000	Total RSI Hours 772
Training Provider Pierce Transit / ATU Local #758 Apprenticeship Committee	



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 checked="" type="checkbox"/> Chair <input type="checkbox"/> Authorized Signer	Date 2 March 2023	<input checked="" type="checkbox"/> Secretary	Date 2 March 2023
Print Name: Pat Milner		Print Name: Brent A. Riffel	
Signature: 		Signature: 	

**Training Provider Signature**

Approved By (Print Name): Brent A. Riffel	Title: Pierce Transit Maintenance Training Coordinator
Signature of the Training Provider: 	
Date: 2 March 2023	

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 Pierce Transit / ATU Local #758 Apprenticeship Committee	Occupational Objective Communications Technician
---	---

**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.

Element/Course: Defensive Driving – YEAR 1	Planned Hours: 4
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: Pierce Transit	
Description of element/course: Washington State Transportation Insurance Pool (WSTIP) approved training	

Element/Course: Lytx DriveCam System – YEAR 3	Planned Hours: 32
Mode of Instruction (check all that apply) <input type="checkbox"/> Classroom <input type="checkbox"/> Lab <input type="checkbox"/> Online <input checked="" type="checkbox"/> Self-Study Provided by: Pierce Transit	
Description of element/course: Provide troubleshooting/installation/repair fundamentals for Lytx DriveCam system.	

Element/Course: Commercial Driver's License (B / P endorsement) – YEAR 1	Planned Hours: 160
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: Pierce Transit	
Description of element/course: Formal CDL training	

Element/Course: Industrial Safety Compliance Training – YEAR 1	Planned Hours: 40
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: NEOGOV provided by Pierce Transit	
Description of element/course: OSHA, L&I, and WISHA required industrial safety training.	

Element/Course: Shop Practices – YEAR 1	Planned Hours: 60
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: Pierce Transit	
Description of element/course: Parts Ordering, Warranty, Administrative processes, Maintenance Data Collection System (EAM)	

Element/Course: Alcohol Drug Awareness Program – YEAR 1	Planned Hours: 4
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: Pierce Transit	
Description of element/course: Provide understanding of the requirements under FTA required D&A program.	

Element/Course: ngORCA Maintenance Training – YEAR 2	Planned Hours: 8
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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 <b>Provided by:</b> INIT provided by Pierce Transit	
Description of element/course: Equipment maintenance for ORCA system	

<b>Element/Course:</b> Security Center Omnicast Technical Certification – YEAR 2	<b>Planned Hours:</b> 16
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 <b>Provided by:</b> Genetec provided by Pierce Transit	
Description of element/course: Configuration of video recording devices, alarms, schedules, and preventative maintenance.	

<b>Element/Course:</b> Annual Safety Compliance Training – YEAR 1, 2, 3, 4	<b>Planned Hours:</b> 160
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 <b>Provided by:</b> NEOGOV provided by Pierce Transit	
Description of element/course: Annual required OSHA and workplace refresher training	

<b>Element/Course:</b> Annual Safety Meeting – YEAR 1, 2, 3, 4	<b>Planned Hours:</b> 32
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 <b>Provided by:</b> Pierce Transit	
Description of element/course: Annual required safety training Local Safety Requirements produced by Pierce Transit Safety Office	

<b>Element/Course:</b> Security Center Synergis Technical Certification – YEAR 2	<b>Planned Hours:</b> 16
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 <b>Provided by:</b> Genetec provided by Pierce Transit	
Description of element/course: Configure and install security center access controls and features.	

<b>Element/Course:</b> Security Center Enterprise Technical Certification – YEAR 3	<b>Planned Hours:</b> 16
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 <b>Provided by:</b> Genetec provided by Pierce Transit	
Description of element/course: Install and configure security center features in a multi-server/multi-site environment.	

<b>Element/Course:</b> Cradlepoint Customer Training – YEAR 3	<b>Planned Hours:</b> 4
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 <b>Provided by:</b> Cradlepoint University provided by Pierce Transit	
Description of element/course: NetCloud management, unified 5G, SD-WAN, and Security Networks	

<b>Element/Course:</b> NetCloud Exchange – YEAR 3	<b>Planned Hours:</b> 16
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 <b>Provided by:</b> Cradlepoint University provided by Pierce Transit	
Description of element/course: Introduction to working with NetCloud Exchange and Industry Security Concepts.	

<b>Element/Course:</b> Cradlepoint Products and Solutions – YEAR 3	<b>Planned Hours:</b> 2
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 <b>Provided by: Cradlepoint University provided by Pierce Transit</b>
Description of element/course: Introduction to the products and solutions offered by Cradlepoint.

<b>Element/Course: Vehicle Equipment Installations (Bus) – YEAR 4</b>	<b>Planned Hours: 80</b>
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 <b>Provided by: Pierce Transit</b>	
Description of element/course: Provide installation fundamentals for equipment installs on fixed route buses.	

<b>Element/Course: Vehicle Equipment Installations (Non-revenue) – YEAR 2</b>	<b>Planned Hours: 42</b>
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 <b>Provided by: Pierce Transit</b>	
Description of element/course: Provide installation fundamentals for equipment installs on non-revenue vehicles	

<b>Element/Course: Apollo Mobile Surveillance Systems – YEAR 4</b>	<b>Planned Hours: 24</b>
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 <b>Provided by: Pierce Transit</b>	
Description of element/course: Familiarization with mobile camera systems and monitoring software	

<b>Element/Course: CleverCAD systems training – YEAR 3</b>	<b>Planned Hours: 32</b>
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 <b>Provided by: Clever Devices provided by Pierce Transit</b>	
Description of element/course: Familiarization with Clever Devices systems and troubleshooting software	

<b>Element/Course: Zonar systems – YEAR 2</b>	<b>Planned Hours: 24</b>
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 <b>Provided by: Pierce Transit</b>	
Description of element/course: Provide troubleshooting/installation/repair fundamentals for Zonar system.	

<b>Element/Course: Element/Course</b>	<b>Planned Hours: Hours</b>
Mode of Instruction (check all that apply) <input type="checkbox"/> Classroom <input type="checkbox"/> Lab <input type="checkbox"/> Online <input type="checkbox"/> Self-Study <b>Provided by: Provided by.</b>	
Description of element/course: Click or tap here to enter text.	

<b>Element/Course: Element/Course</b>	<b>Planned Hours: Hours</b>
Mode of Instruction (check all that apply) <input type="checkbox"/> Classroom <input type="checkbox"/> Lab <input type="checkbox"/> Online <input type="checkbox"/> Self-Study <b>Provided by: Provided by.</b>	
Description of element/course: Click or tap here to enter text.	

<b>Element/Course: Element/Course</b>	<b>Planned Hours: Hours</b>
Mode of Instruction (check all that apply) <input type="checkbox"/> Classroom <input type="checkbox"/> Lab <input type="checkbox"/> Online <input type="checkbox"/> Self-Study <b>Provided by: Provided by.</b>	

Description of element/course:  
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