

# Recreation Vehicle Service Technician (RVST)

Transition Plan V.1

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## Abbreviations

<b>CCDA</b>	Canadian Council of Directors of Apprenticeship
<b>CL</b>	Current Level
<b>DA</b>	Direct Access (ITA's registration system)
<b>ER</b>	Employer sponsor
<b>HL</b>	Harmonized Level
<b>IPSE</b>	Interprovincial Red Seal Exam
<b>NOA</b>	Red Seal National Occupational Analysis
<b>RSOS</b>	Red Seal Occupational Standard; replaces NOA
<b>RVST</b>	Recreation Service Vehicle Technician
<b>SLE</b>	Standardized Level Exam
<b>TP</b>	Training provider
<b>TT</b>	Technical training
<b>TW</b>	Trade worker
<b>WBT</b>	Work-based training

## Harmonization Overview

The Canadian Council of Directors of Apprenticeship (CCDA) is responsible for the Red Seal Program, which develops common interprovincial standards and examinations. The CCDA is undertaking the Harmonization Initiative in 30 Red Seal trades by 2020. British Columbia is an active participant in this initiative.

The goal is to substantively align apprenticeship systems across Canada by making apprenticeship training requirements more consistent in the Red Seal trades.

### Harmonization Priorities

1. Use of Red Seal **trade name**
2. Consistent **total training hours** (in-school and on-the-job)
3. Same number of **training levels**
4. Consistent **sequencing** of training content, including use of most recent Red Seal Occupational Standard (RSOS).

What's changing for <b>Recreation Vehicle Service Technician (RVST)</b> ?	Changing in BC?	What will it be?
<b>TRADE NAME</b>	NO	Recreation Vehicle Service Technician (RVST)
<b>NUMBER OF TRAINING LEVELS</b>	NO	3
<b>TOTAL HOURS</b> Technical (TT) + work-based training (WBT)	YES	<b>5,400 hours</b> Increase of 40 WBT hours
<b>TRAINING SEQUENCE</b> Order of subjects taught	YES	<b>Some changes</b>

## Transition Planning Process

The re-sequencing of the RVST program through the Harmonization Initiative has resulted in changes to the sequencing of technical training and the addition of mentoring and communication competencies.

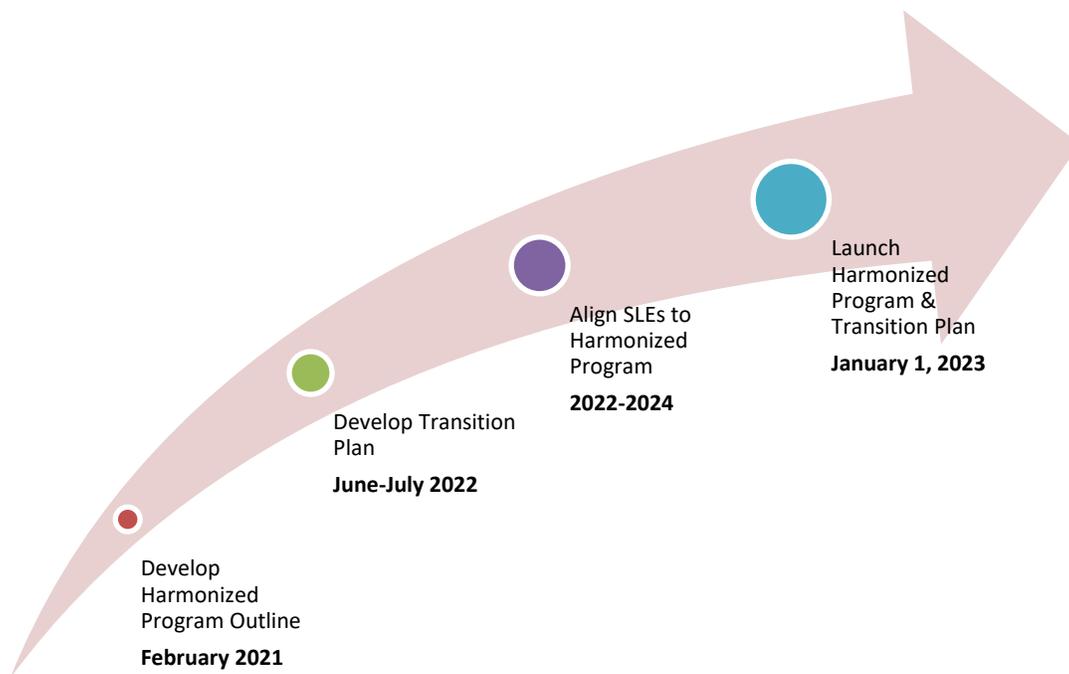
The ITA Transition Team consulted with the post-secondary training provider that delivers the Recreation Vehicle Service Technician program and considered the input of our internal and external partners. ITA and its partners evaluated transition options and the transition plan outlined in this document was identified as the best option. We have also ensured that there are pathways for all current apprentices to complete their apprenticeship.

## Training Provider

Okanagan College

Vancouver Island University may deliver HL1-HL3

## Program Development and Transition Planning 2021-2023



## Apprentice Numbers in Current Program

*As of May 1, 2022*

Highest Level of TT Achieved	0TT	CL1	CL2	CL3	Total
<b>Active</b>	51	27	16	16	110
<b>Inactive</b>	51	15	21	35	122
<b>Total</b>	102	42	37	51	232

**Notes on data:3**

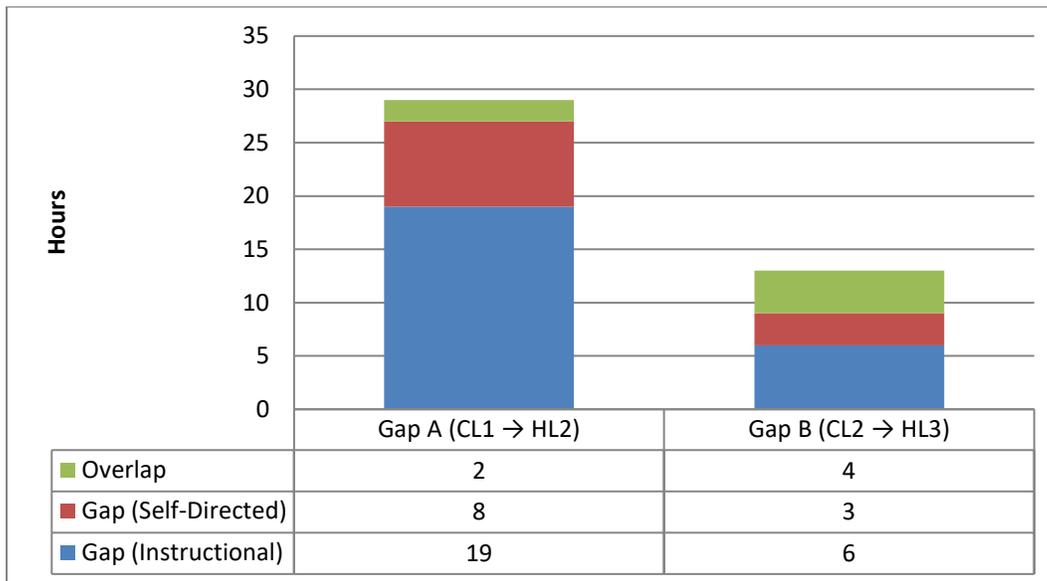
1. Numbers are as of May 1, 2022
2. **0TT:** Apprentices who are registered in Direct Access (DA) but haven't completed any technical training.
3. **CL3s:** TWs who have completed CL3 are not considered in transition planning as they will not be impacted by the implementation of harmonized training.
4. **Active:** Apprentices for whom activity has been logged in DA within the last 18 months.
5. **Inactive:** Apprentices for whom **no** activity has been logged in DA within the last 18 months.

**Apprentices with out of order training**

- 4 **Completed Level 2.** Missing Level 1 & 3.
- 2 **Completed Level 2 & 3.** Missing Level 1.

Note: 5 of the above apprentices are inactive

## The Gaps



### Gaps and Overlaps

**A Gap** is an estimate of the hours of technical training content that **an apprentice will be missing if they transition** from the current program to the Harmonized program (CL→HL) at a specific level. A current apprentice will only transition to the Harmonized program once and so will only face one gap in their training.

**Gap A (CL1→HL2)** is the technical training content that an apprentice who has completed Current Level 1 will be missing if they transition into Harmonized Level 2.

**Gap B (CL2→HL3)** is the technical training content that an apprentice who has completed Current Levels 1 and 2 will be missing if they transition into Harmonized Level 3.

**An Overlap** is an estimate of the hours of technical training content that an apprentice will be repeating if they transition from the current program to the Harmonized program (CL→HL) at a specific level.

See *Appendix A: Details of Gaps* for a list of the competencies, content and achievement criteria that current apprentices will be missing (or repeating) if they transition to the harmonized program.

## Recreation Vehicle Service Technician (RVST) Transition Plan

### Instructional Hours and Self-Directed Learning Hours

**Instructional Hours** is the missing content that requires instructional time to address. It is critical to the apprentice's success and is unlikely to be learnt without intervention.

**Self-Directed Learning Hours** is missing content that an apprentice will likely learn in the context of other tasks or levels in technical training, on the job, or through self-study. It isn't considered critical to the apprentice's success.

## Transition Plan Summary

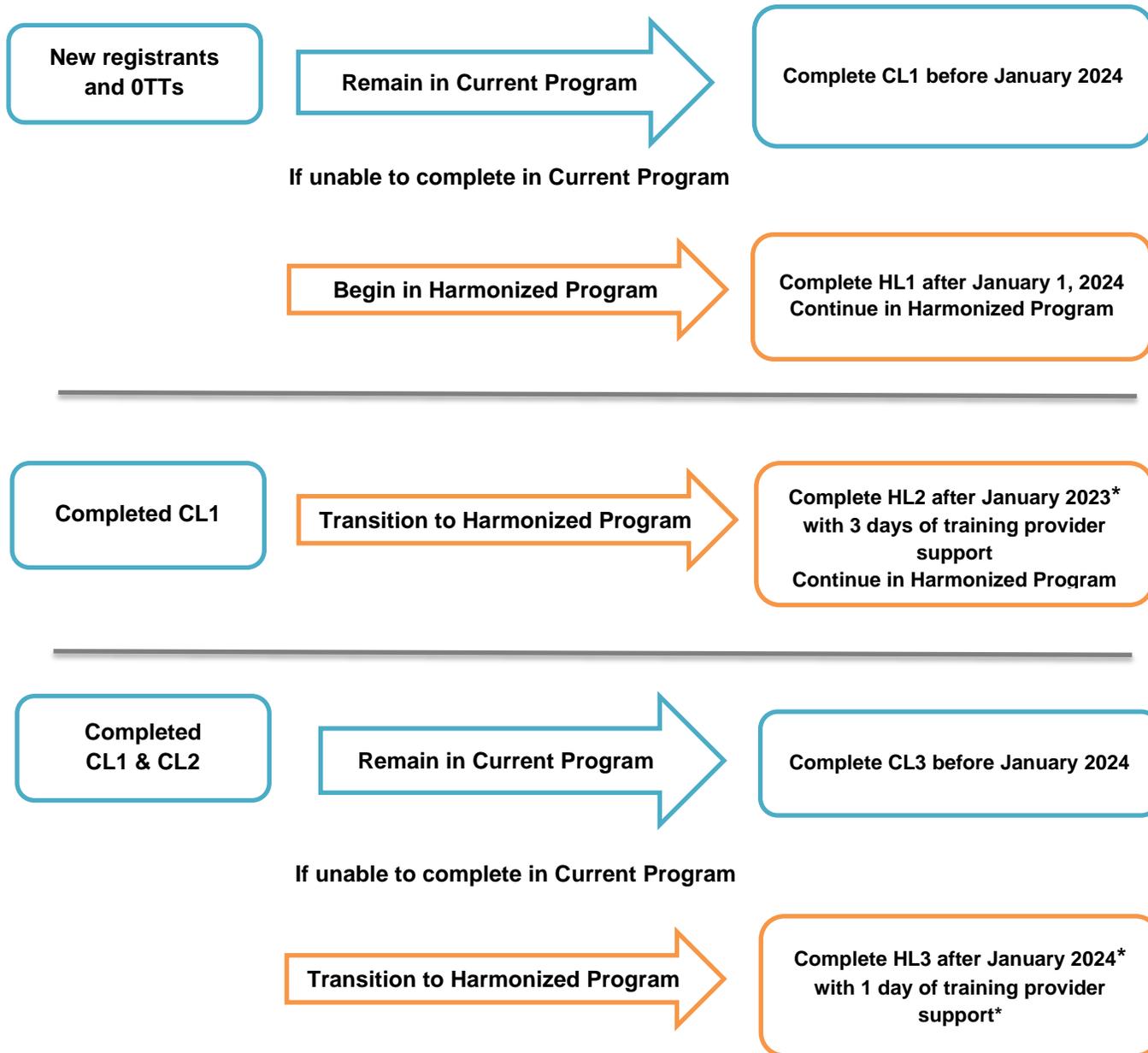
Implementation Timelines	
Harmonized Foundation	January 1, 2024
Harmonized Level 1 (HL1)	
Harmonized Level 2 (HL2)	January 1, 2023
Harmonized Level 3 (HL3)	January 1, 2024

<b>Year 0</b> 2022	CL1 (Feb) FND (Sept)	CL2 (Oct)	CL3 (Jan)
<b>Year 1</b> 2023	CL1 (Feb) FND (Sept)	HL2 (Oct)  TP Support 3 Days	CL3 (Jan)
<b>Year 2</b> 2024	HL1 (Feb) FND (Sept)	HL2 (Oct)  TP Support 3 Days	HL3 (Jan)  TP support 1 Day
<b>Year 3</b> 2025	HL1 (Feb) FND (Sept)	HL2 (Oct)	HL3 (Jan)  TP support 1 Day
<b>Year 4</b> 2026	HL1 (Feb) FND (Sept)	HL2 (Oct)	HL3 (Jan)

### Notes:

- **Red text** indicates an unusual implementation schedule.
- **Training provider (TP) support** is **not** a requirement for current apprentices to receive technical training credit. It does not require a document assessment, nor does it appear on apprentices' transcript. It is offered to training providers to provide support for those apprentices who have transitioned from the current to the harmonized program. The gaps faced by these apprentices are relatively small and can be addressed in a variety of ways.
- **See Appendix B: Transition Delivery Guidelines** for more information about TP support and gap training

## Pathways for Current Apprentices (Summary)



## Recreation Vehicle Service Technician (RVST) Transition Plan

### **\*Notes for transitioning apprentices**

**CL1s transitioning to HL2:** You may be missing some content areas. See *Appendix A: Gap Details* for a list of missing content (Gap A). Speak to your instructor and employer about how you can address your gaps.

**CL2s transitioning to HL3:** You may be missing some content areas. See *Appendix A: Gap Details* for a list of missing content (Gap B). Speak to your instructor and employer about how you can address your gaps.

### **Communications to Current Apprentices**

Registered Employer-Sponsors and Apprentices will receive a letter through the ITA Direct Access (DA) system describing the upcoming changes and the timeline for the phasing out of the current program.

## Changes to Training Hours

The following changes to the training time for RVST will come into effect January 1, 2023.

- No changes to technical training (TT) hours.
- Increase of work-based training (WBT) hours to align with the harmonized standard of 5,400 hours of total training (increase of 40 WBT hours)
  - Gift of hours is not granted. Apprentices are required to complete the additional 40 WBT hours.

Current Program	Hours
Technical Training	720
Level 1 = 240 hours (8 weeks)	
Level 2 = 240 hours (8 weeks)	
Level 3 = 240 hours (8 weeks)	
Work-based Training hours	4,640
<b>Current Challenge WBT Hours</b>	<b>5,360</b>

Harmonized Program	Hours
Technical Training	720
Level 1 = 240 hours (8 weeks)	
Level 2 = 240 hours (8 weeks)	
Level 3 = 240 hours (8 weeks)	
Work-based Training hours	4,680
<b>Harmonized Challenge WBT Hours</b>	<b>5,400</b>

### Challenge Pathway and Sign-off Authority

Current Program	Hours
Work-based Training Hours	4,640
	X 1.5
<b>Current Challenge WBT Hours</b>	<b>6,960</b>

Harmonized Program	Hours
Harmonized Work-based Training Hours	4,680
	X 1.5
<b>Harmonized Challenge WBT Hours</b>	<b>7,020</b>

## Exams for the Harmonized Program

As harmonized standardized level exams (SLEs) are implemented, there will be a delay before the harmonized exams can be launched.

After exam development, the exams need to be piloted with the first cohort of apprentices that complete the harmonized level. The pilot results are then analyzed, and depending on the result, further revisions or validation may be needed before the exam is launched.

Exam	Exam Development*	Tentative Pilot Schedule	Tentative Exam Launch*
HL1	Winter 2023	April 2024	Fall 2024
HL2	TBD	December 2023	Spring 2024

**\*Note:** These timelines may need to be adjusted due to the availability of our system partners to assist with exam development and validation.

For classes that end before the launch of the HL SLE, the final mark for the level will be based solely on in-school assessments.

An OPSN will be sent and posted to the trade page to announce the launch of the HL exams.

## Appendix A: Details of Gaps

### GAP A: CL1→HL2

This table lists the content that an apprentice will be missing if they have completed CL1 and then take HL2.

Competency	Specific Content	Achievement Criteria	Migration Details	Instructional Hours*	Self-directed Hours**
J1 Maintain photovoltaic systems	HL1=Describe maintaining photovoltaic systems	N/A	HL1←CL3	2	1
Q1 Install consumer products	HL1=Describe the installation of consumer products	N/A	HL1/HL3←CL3	1	1
Q2 Repair consumer products	HL1=Describe the replacement of consumer products	N/A	HL1/HL3←CL3	1	1
T1 Maintain frames and running gear	HL1=Describe and Maintain chassis and mechanical components	The learner will repair chassis and mechanical components	HL1←CL1/CL3	6	1
V1 Maintain slide-out system	HL1=Describe maintaining slide-out systems	N/A	HL1←CL3	1	1
V2 Diagnose slide-out system	HL1=Describe operation and diagnosis of slide-out systems	N/A	HL1←CL3	2	1
W1 Maintain lifting systems	HL1= Describe maintaining lift systems Describe folding camping trailers	N/A	HL1←CL3	1	1
W2 Diagnose lifting systems	HL1= Describe the operation and diagnosis of lifting systems Describe the operation and diagnosis of folding camping trailers	N/A	HL1←CL3	2	-
Line U1 Maintain Levelling systems	HL1=Maintain levelling systems	N/A	HL1← CL3	1	1

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Competency	Specific Content	Achievement Criteria	Migration Details	Instructional Hours*	Self-directed Hours**
Line U3 Diagnose Levelling systems	HL1=Describe diagnosing chassis and mechanical components	N/A	HL1 ← CL3	2	
<b>TOTAL</b>				19	8

\***Instructional Hours** are hours of dedicated instruction that an apprentice would need to cover the missing content

\*\***Self-Directed Hours** are hours of content that an apprentice would be able to cover through self-study, on the job or in the context of other tasks/levels.

### OVERLAP A: CL1→HL2

This table lists the content that an apprentice will be **repeating** if they have completed CL1 and then take HL2. Overlaps are identified so that instructors and apprentices are aware of the repeated content. There may be opportunities for transitioned CL1 apprentices to use some of their overlap time to study their gap content.

Competency	Repeating Content	Content Migration	Hours
X2 Install tow vehicle systems	HL2= Describe installing truck camper jacks Describe camper loading and unloading	CL1→HL2	1
X4 Repair tow vehicle systems	HL2=Describe repairing truck camper jacks	CL1→HL2	1
<b>TOTAL</b>			<b>2</b>

## Recreation Vehicle Service Technician (RVST) Transition Plan

### GAP B: CL2→HL3

This table lists the content that an apprentice will be **missing** if they have completed CL2 and then take HL3.

Competency	Specific Content	Achievement Criteria	Migration Details	Instructional Hours*	Self-directed Hours**
C1 Use document	HL2=Describe manufacturer's appliance service manuals	N/A	HL2←CL3	4	2
P3 Diagnose air conditioners and heat pumps	HL2=Describe diagnosing of air conditioners and heat pumps	N/A	HL2/HL3←CL3	1	1
S4 repair exterior components	HL2=Service steps	N/A	HL2←CL3	1	-
			<b>Total</b>	<b>6</b>	<b>3</b>

\***Instructional Hours** are hours of dedicated instruction that an apprentice would need to cover the missing content

\*\***Self-Directed Hours** are hours of content that an apprentice would be able to cover through self-study, on the job or in the context of other tasks/levels.

### OVERLAP B: CL2→HL3

This table lists the content that an apprentice will be **repeating** if they have completed CL2 and then take HL3. Overlaps are identified so that instructors and apprentices are aware of the repeated content. There may be opportunities for transitioned CL2 apprentices to use some of their overlap time to study their gap content.

Competency	Repeating Content	Content Migration	Hours
G3 Install AC electrical systems	HL3=Describe the maintenance of AC electrical systems, inverters and transfer switches	CL2→HL3	1
P2 Install air conditioners and heat pumps	HL3=Describe the installation and removal of air conditioners and heat pumps	CL2→HL3	4
<b>TOTAL</b>			<b>5</b>

## Appendix B: Transition Delivery Guidelines

### TRAINING PROVIDER (TP) SUPPORT

For the transition to the Harmonized Recreation Vehicle Service Technician program, Training Provider (TP) Support applies to

- Gap A (CL1→HL2)
- Gap B (CL2→HL3)

For relatively small gaps such as these, official gap training is not required.

### Delivery

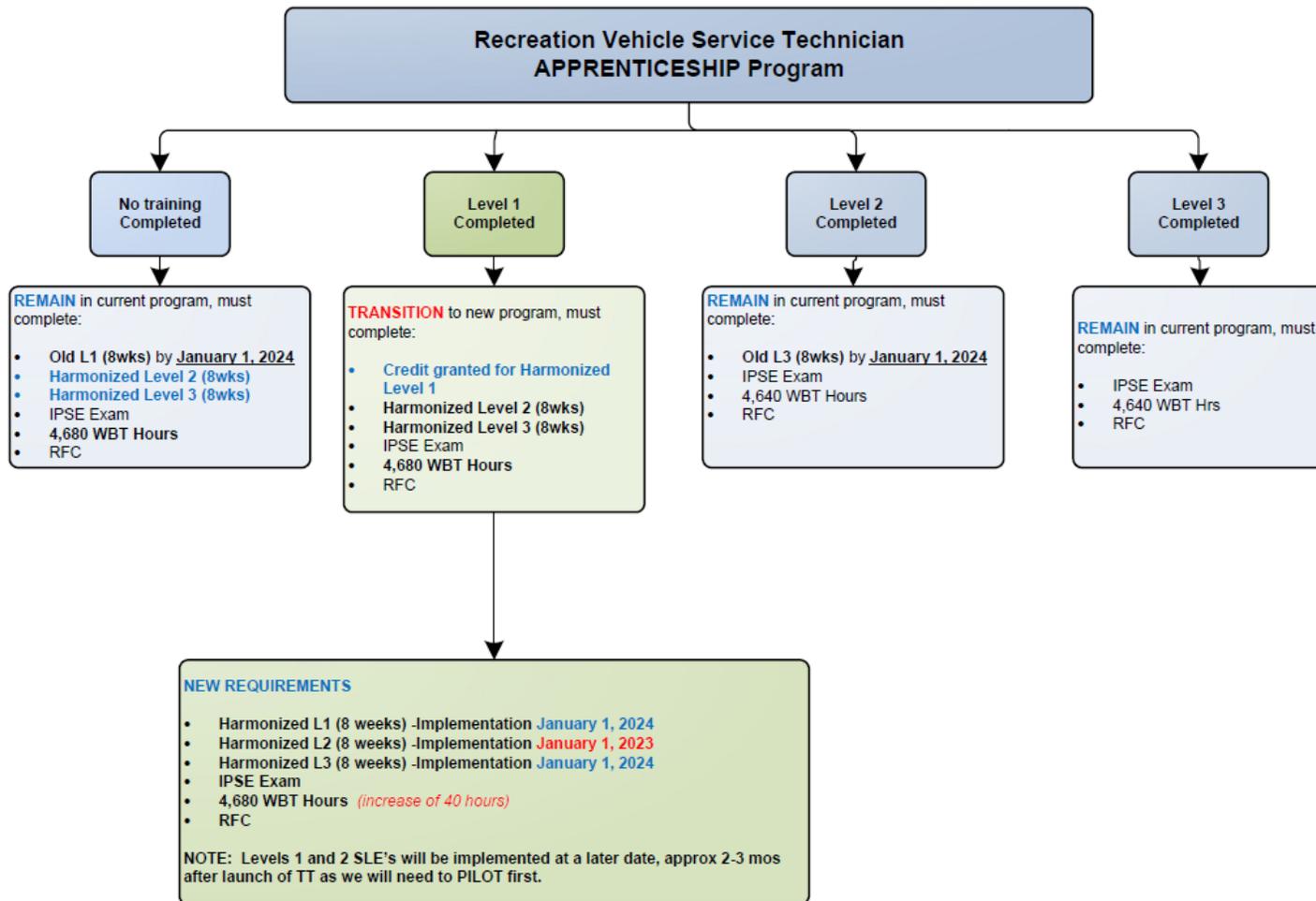
- TPs are encouraged to offer support to CL1 and CL2 students in addressing their gaps; how this is done at the discretion of the training provider.
- TPs can request funding to support their instructors in addressing the gap for the levels and years indicated in the Transition Plan.
- Completion of TP Support is
  - not a completion requirement for the apprentice
  - not recorded in ITA Direct Access on the apprentice's transcript

## Appendix C: Communication Plan for Transition

Audience	Purpose	Mode
<b>Training Providers</b>	To announce the changes to training standards and the publication of a new Program Outline and Program Profile on the trade webpage on the ITA website	Official Program Standards Notification (OPSN) via email and posting on trade webpage
<b>Training Providers</b>	To plan for transitioning to the new program	Webinar(s), phone calls and/or face to face meetings
<b>Training Providers</b>	To announce the final transition plan	Program Update and Transition Plan via email and posting on trade webpage
<b>Training Providers</b>	To announce the launch of the harmonized level exams	OPSN via email and posting on trade webpage
<b>Employers</b>	To inform on the upcoming changes to the program and the pathways to completion for their apprentices	Letters sent through ITA Direct Access (DA)
<b>Apprentices</b>	To inform on the upcoming changes to the program and their pathways to completion	Letters sent through ITA Direct Access (DA)

## Appendix D: Transition Map

### Recreation Vehicle Service Technician Transition Map EFFECTIVE January 1, 2023



**CHALLENGE PATHWAY**

Recreation Vehicle Service Technician Hours Requirement: 7,020 hours (was 6,960) (increase of 60 hours)

Last Updated: September 26, 2022