



PSIC/ CARV Instructor — Program Overview

Introduction and Purpose:

Welcome to the Professional Ski Instructors of Canada's CARV Instructor Certification Program! As the digital landscape continues to expand, the potential to enrich the learning experience grows. By leveraging objective data and measurable outcomes, students can tangibly track their progress. In the PSIC CARV Instructor Certification, you will explore the principle that “function precedes form,” learning how specific changes can lead to objective, measurable outcomes. This understanding will enhance both your skiing and teaching techniques as well as allow you to continue to practice feedback from the course autonomously.

By familiarizing yourself with CARV technology, you will connect more effectively with the growing community of ski instructors and the public who utilize technology for personal development.

Beginning February 2025, this program is being piloted at Whistler Blackcomb initially with an intention to expand to additional ski areas soon. Please consult the [PSIC Program Directory](#) for programs and locations.

The following is an overview of the PSIC CARV Instructor Certification course, detailing the curriculum, organization, and prerequisites to help you evaluate the program.

Learning Outcomes:

Learning outcomes are based on the PSIC's Adventure Philosophy — creating Fun, Safe, Learning experiences for students. Specific competencies are described within each of the Adventure components, “Fun”, “Safe” as well as skiing and teaching components of “Learning”.

FUN

- Engage actively with Peers, Trainer and program activities
- Identify how CARV can unlock gamification of skier skill development.

SAFE

- Apply effective and safe video practice
- Identify appropriate terrain for CARV settings

LEARNING - TEACHING

- Identify main metrics within CARV
- Navigate the CARV app effectively
- Use CARV video function effectively
- Identify links between CARV metrics and skier movements using your own skiing

Assessment and Evaluation

- Evaluation is derived through ongoing assessment of the learning outcomes throughout the course. There is no single, summative, final exam. For this reason, your engagement and active participation throughout the program is important.
- Evaluation is provided based on “exceeds expectations”, “meets expectations” and “development required” in relation to the learning outcomes.
- These results are provided at the conclusion of the program before departure from the ski area at which the program takes place.
- Completion of the online E-Learning module is required to complete the program and achieve the Certification.
- All participants receive a written development plan following the program to help provide guidance on next steps for ongoing development.

Course Structure

The Course includes both on-line E-Learning and On-Snow, practical components.

On-line E-Learning component

- This section of the program will take approximately 45 minutes to one hour to complete and can be done at home, at your own pace.
- The E-Learning modules provide priming and insight into the concepts that will be explored further during the on-snow portion of the program.
- The online modules must be completed prior to the on-snow portion.
- Access to the E-Learning modules will be provided once you have registered for the course.
- Module content:
 - Overview of the CARV app
 - Modes of use in the app
 - Ski IQ and how it works
 - Overview of key metric in CARV
 - Real world examples of CARV data with analysis

On-Snow component

- On-Snow training is one day, approximately 4.5 - 5 hours..
- This day will provide introduction to, demonstrations and practice of the components of the learning outcomes.
- Practice opportunities and feedback will be continuous throughout.



Course Prerequisites:

- PSIC level 1 or equivalent
- Valid membership with PSIC
- Participants must supply their own CARV units and have the CARV app installed prior to the program. Trainers will be able to assist with set up at start of program if required.
- Previous teaching experience is not required for this introductory course however is encouraged.
- You MUST be a minimum of 14 years of age on the day the on-snow portion begins.
- On-line eLearning modules made available upon registration must be completed prior to day one of the on-snow portion of the program. These modules will provide important and useful information that will increase the value and effectiveness of your on-snow experience.
- You should be ready to experiment, try new things, collaborate with others, and have a great time! Arrive curious!
- You will need to provide all of your own ski equipment and necessary gear. Be sure to be prepared for cold, and sometimes inclement weather.

General:

- Breaks will happen throughout the day (vary depending on weather), however we recommend that you carry a snack in your pocket as the daily schedule and lunch break timing can vary based on various factors.
- You will receive a detailed description of the meeting time and place of your program when you register.

Questions?

Please connect with our PSIC staff at info@psic.pro. We look forward to seeing you on-snow!