

River Rescue 2



Photo: Matt Bennett

Training Scope and Syllabus

With the support of:



NZOIA™ WWNZ River Rescue 2

Scope

River Rescue 2 Profile

The NZOIA/WWNZ River Rescue 2 certificate holder will have been trained in the following skills in grade 3 white water:

- River hydrology
- Communications
- River running strategies
- Equipment selection
- Self rescue
- Bank based rescue
- Boat based rescue
- Swimmer based rescue

Scope

This certificate is part of a pathway for recreational and professional paddlers to better enable them to kayak safely with their peers, when leading a group, or when providing an instructional or guided experience. This certificate does not define the ability to lead or instruct.

River Rescue 2 is a prerequisite for participation in the NZOIA Kayak 2 assessment.

Prerequisites

To enable meaningful learning in all aspects of the syllabus it is required that participants have the following kayak experience:

- At least 10 river trips on grade 3 white water, and sufficient experience to competently and confidently be paddling in this environment, including rolling
- Have attended a River Rescue 1 course

Revalidation

The NZOIA/WWNZ River Rescue 2 certificate holder is recommended to update their skills through a refresher course every three years.

Syllabus

Training Notes

This syllabus is to assist trainers with establishing standards, running courses and judging a participant's competency. All training must be based on current good practice and industry standards.

This syllabus is also to help participants know what they will be taught to do and what tasks they will be asked to complete. To enjoy and benefit from the programme the participant needs to be sufficiently skilled and experienced as a paddler to participate fully. For this reason, it is essential that the participant is competently paddling grade 3 and comfortable in this environment both in their kayak and as a swimmer.

Please refer to the Scope and Syllabus about course prerequisites.

While this is not an assessment of competency it is the trainer's role to provide participants with a clear picture through formal feedback of their level of personal competency; such as areas where they are at or above current good practice, and areas in which improvement is required. Personal competency will be established through:

- Questioning and discussion
- Observation of practical tasks

As this course is a prerequisite to NZOIA Kayak 2, participants preparing for this assessment will need coaching and feedback appropriate to achieving a pass on their Kayak 2 assessment.

Site selection: It is the trainer's responsibility to select venues for this course appropriate to the skill and experience level of participants.

Technical Skills

1. Self, boat and bank based rescues

The participant will learn the following river rescue skills at a given location on a grade 3 river section:

Self Rescue:

- 1.1 Capsize, exit and recover (self and equipment)

Boat based rescues:

- 1.2 Management techniques with and without a towline e.g. rafting up, assisted kayaking, shove, "instructor draw"
- 1.3 Assisted ferry glide (with and without a towline)
- 1.4 Bow (or T) Rescue, H Assist, Barrel Roll
- 1.5 Deep water rescue
- 1.6 Getting a swimmer across the river by; bow carry, stern deck carry and tow

- 1.7 Coaching a swimmer while retrieving gear
- 1.8 Moving kayaks and paddles around the river without use of a towline
- 1.9 Towing; a kayak and a paddle
- 1.10 Rescue of an unconscious swimmer

Bank based rescues:

- 1.11 Gain a working knowledge of a range of knots applicable to river rescue e.g. round turn and two half hitches, clove hitch, bowline, figure 8, Italian hitch, prusik knots
- 1.12 Rescue a swimmer using a throw bag; attention gained, accurate throw, stable belay, safe pendulum
- 1.13 Set up hauling systems; 2:1, 3:1, 4:1 and 6:1 (for efficiency some of these will be done as a simulated rescue on land)
- 1.14 Methods for dealing with foot entrapments
- 1.15 Methods for dealing with a stranded or trapped kayaker
- 1.16 Ascending or descending a rope with improvised harness

2. Selection and correct use of kayak gear and safety equipment commonly used in New Zealand

The participant will learn:

- 2.1 About equipment commonly used in New Zealand, including the types, characteristics, advantages, limitations, cost, care, maintenance and storage for a range of equipment e.g. kayaks, PFD's, spray decks, paddles, helmets, dry tops/ paddle jackets and other clothing and footwear suitable for kayaking
- 2.2 The importance of using equipment that is in good condition and well maintained for use in a grade 3 - 4 white water environment
- 2.3 Appropriate clothing and footwear choices for environmental conditions
- 2.4 Gain a working knowledge of a range of simple safety equipment e.g. air bags, survival bags, towlines, throw bags, slings, karabiners, prusiks, knife, saw, split paddle, pulleys, dynamic and static ropes

3. Knowledge of common river hazards

The participant will learn:

- 3.1 How to identify common river hazards e.g. recirculating hydraulics, undercuts, sieves, sweepers, strainers, entrapment features
- 3.2 To establish the 'real' risk of river hazards
- 3.3 Methods to manage, remove and reduce the risk of river hazards

4. Controlled river running on grade 3 white water

The participant will learn:

- 4.1 Selecting a suitable river trip
- 4.2 Preparing for and executing a safe, well managed river trip
- 4.3 Identifying river features and hazards and how to use and/or avoid them
- 4.4 River running strategies, including scouting and choosing safe lines through rapids

Rescue Management

5. Working within a team to deal with rescue scenarios

The participant will learn:

- 5.1** Accepted/commonly used river communication signals
- 5.2** To identify the situation and appropriate course of action
- 5.3** Prioritisation of tasks e.g. self, victim, paddle, boat
- 5.4** Their strengths and limitations in a rescue situation
- 5.5** The purpose and role of clear leadership

6. Organise and lead a group to deal with rescue scenarios

The participant will learn to:

- 6.1** Identify the required rescue and best approach
- 6.2** Maintain the safety of self and other group members
- 6.3** Decisive decision making
- 6.4** Deliver clear and concise information in a river environment
- 6.5** Delegate tasks
- 6.6** Know the limitation or potential, of getting external help (who, how and when)