



Sea Kayak 2

Scope and Syllabus

With the support of:



NZOIA™ Sea Kayak 2

Scope

Sea Kayak 2 Profile

The NZOIA Sea Kayak 2 is able to:

- Be self reliant on multi-day expeditions
- Lead and manage clients on multi-day expeditions
- Apply effective safety management
- Apply weather interpretation and forecasting skills
- Teach the skills required for safe and well managed multi-day sea kayak expeditions
- Prepare and deliver teaching sessions
- Role model and promote accepted environmental practices
- Provide interpretive information about sites visited

Scope

The holder of this qualification can organise, lead and instruct all aspects of the skills required for multi-day sea kayak expeditions. An expedition is considered to be greater than three days, where extended periods of exposed coastlines with restricted landing sites and open ocean is encountered. Adverse conditions are to be expected and the route may have been previously unvisited.

Adverse conditions being; wind up to 20 knots, surf up to 1.0 metre, swell of up to 1.5 metres and tidal current of up to 4 knots.

Prerequisites

Be a current Registered Member of NZOIA

Be 20 years old or over

Hold a current First Aid Certificate

Hold a current NZOIA Sea Kayak 1 qualification or Sea Kayak Guide – Instructor Endorsement. Refer to NZOIA's policy for exemptions

Hold a Coastguard Boating Education Boatmasters qualification

Have the following experience as evidence in a logbook:

Total experience – at least 90 days sea kayak experience in a variety of locations and conditions. This will include:

Personal experience – at least 40 days personal sea kayak experience on multi-day trips

Instructional experience – at least 30 days instructing, leading or guiding groups on multi-day sea kayak trips. Additional days can include day trips and a maximum of 10 days' worth of theory sessions e.g. trip planning, weather, navigation, packing. Experience will include co-instructing/guiding or working as an assistant instructor/guide.

A sea kayak day is considered to be at least 4 hours on the water. Sessions can be accumulated to make a day. Total experience can include training course days. Training course days cannot be included in personal experience.

The prerequisite experience requirements are minimums, extra days are recommended so that a broad range of experience is gained.

Registration and Revalidation

Registration and revalidation with NZOIA provide proof of currency for NZOIA qualification holders.

Syllabus

Assessment Notes

The syllabus outlines what the content of the assessment will include and gives an idea of what assessment tasks the candidate will be asked to complete. All judgements on how the candidate meets the syllabus must be based on current good practice and industry standards.

Assessors use three types of direct evidence to judge a candidate's competency:

- Written questions/assignment
- Questioning and discussion
- Observation of practical tasks

The Lead and Manage a Group section will be assessed throughout the personal skills sessions with peers and/or on the client overnight.

The NZOIA Sea Kayak 2 candidate is expected to demonstrate any of the competencies outlined in the NZOIA Sea Kayak 1 or Sea Kayak Instructor Endorsement Scope and Syllabus, as well as the following competencies:

Technical Competence

1. Demonstrate the care, correct use and repair of sea kayak equipment and clothing

The candidate will:

- 1.1** Role model use of equipment that is in good condition
- 1.2** Carry, demonstrate and/or describe the use and care of personal and safety equipment appropriate to the conditions for a safe and successful expedition e.g. flares, towlines, hand pump, VHF radio, Satellite Phone, Mountain Radio Service, cell phone, PLB, GPS, clothing, footwear
- 1.3** Describe the characteristics of equipment e.g. sea kayak design, PFD's, clothing
- 1.4** Complete a pre-activity check of equipment and describe how to identify worn or damaged equipment
- 1.5** Be able to carry out field repairs and provide the means to do so

2. Demonstrate personal sea kayak expedition skills

The candidate will demonstrate:

- 2.1** A range of efficient and effective paddling techniques sustainable over long periods of activity and in adverse conditions e.g. reliable roll, power strokes, touring strokes, manoeuvring strokes, brace/support strokes, emergency stopping, stern rudders, railing/edging, launch and landing, ferry gliding
- 2.2** Role model sea kayaking skills in good conditions, which make good visual images suitable for clients to learn from e.g. rolling on both sides, forward and reverse paddling, power strokes, touring strokes, manoeuvring strokes, brace/support strokes, emergency stopping, stern rudders, railing/edging, launch and landing, ferry gliding
- 2.3** The ability to land in difficult sites e.g. steep beach, rocky shore
- 2.4** Packing efficiently and effectively for a multi-day expedition
- 2.5** Self-management over long periods of activity without landing e.g. nutrition, environmental exposure, toileting

3. Demonstrate rescue skills for sea kayak expeditions

The candidate will apply:

- 3.1** A variety of rescue skills in adverse conditions e.g. returning a client to capsized boat, weak or tired client, quick response towing system, long distance towing system

4. Demonstrate route selection and navigation skills in a marine environment

The candidate will demonstrate:

- 4.1** Traveling on a compass bearing allowing for wind and sea conditions, in limited visibility e.g. fog, night time
- 4.2** Locating position on a map and/or chart using natural features and observation only
- 4.3** Using resection to locate position on map
- 4.4** Use of GPS
- 4.5** Adjust plans due to changing environmental conditions, using a map and/or chart
- 4.6** Being able to identify appropriate routes and camping sites considering topography, weather and sea state

5. Demonstrate campcraft skill in non-established sites

The candidate will:

- 5.1** Demonstrate hazard identification and management when selecting a campsite
- 5.2** Demonstrate managing equipment and cooking in adverse conditions
- 5.3** Describe appropriate toileting practices for use at non-established sites
- 5.4** Demonstrate and describe the principles of fire-lighting in adverse conditions

Environment

6. Demonstrate knowledge of meteorology and apply nautical and weather interpretation and forecasting skill

- 6.1** Understand global weather systems and global influences on New Zealand's weather e.g. Coriolis Effect, Hadley Cells, El Niño, La Niña
- 6.2** Interpret a synoptic weather map and make a 48-72 hour forecast for a given marine area in New Zealand
- 6.3** Demonstrate the ability to observe changes in clouds, temperature and wind direction in a marine area of New Zealand and based on these observations make a 24 hour forecast
- 6.4** Combine topography, tides, swell and weather to predict local conditions in a marine environment

7. Role model and promote accepted environmental practices

The candidate will:

- 7.1** Demonstrate and/or describe how to develop and maintain good relationships with landowners and other users
- 7.2** Discuss outdoor recreation and environmental issues relating to land and marine use, resource management and conservation in New Zealand
- 7.3** Role model and promote the principles of Leave No Trace

8. Demonstrate environmental knowledge and interpretation skills

The candidate will:

- 8.1** Demonstrate a broad knowledge of the flora, fauna, geology and history of New Zealand's foreshore and marine environments
- 8.2** Describe or discuss the major organisations involved in the administration, protection and advocacy of New Zealand's foreshore and marine environments e.g. NIWA, DOC, Maritime New Zealand, Green Peace, and Forest and Bird
- 8.3** Discussing legislation relevant to sea kayaking

9. Demonstrate knowledge of te ao Māori in the marine environment

The candidate will be able to:

- 9.1** Discuss concepts of te ao Māori relating to the marine environment. May include but is not limited to; kaitiakitanga, sites of cultural or historical significance visited, creation stories or pūrākau of the area

Group Management and Leadership

10. Plan and prepare for a multi-day expedition

The candidate will prepare a written plan for a multi-day sea kayak expedition on exposed coastlines and open ocean, where long periods of activity without landing are anticipated, which includes:

- 10.1** The aims, outcomes and purpose of the trip
- 10.2** Detailed route information e.g. bearings, tidal information, travel times and distances, access, camp sites, water supply and contingency plans
- 10.3** Hazard identification and management strategies
- 10.4** Sources of weather information during the expedition and analysis of the effect different weather systems may have on the route
- 10.5** Communications plan including intentions, communication devices and contact details e.g. Coastguard, Marine VHF Channels
- 10.6** Clothing and equipment list for both individuals and the group
- 10.7** A menu plan which includes access to nutrition and water on the go
- 10.8** The incorporation of Leave No Trace principles
- 10.9** Opportunities to facilitate discussion around tikanga Māori and te ao Māori

11. Lead and manage a group on a multi-day expedition

The candidate will demonstrate:

- 11.1** Systems for a successful overnight trip
- 11.2** Effective briefing and debriefing
- 11.3** A leadership style that is appropriate for the clients; their skill and experience level and their needs
- 11.4** Establishing rapport with clients and having an awareness of their emotional, cultural or other needs
- 11.5** Effective management of a group on and off the water which includes; pacing, rest stops, keeping the group together, time management and a system for accounting for everyone
- 11.6** Maintains group morale
- 11.7** The ability to work with other instructors

12. Apply effective safety management

The candidate will:

- 12.1** Be able to effectively manage changing situations e.g. one or more capsized kayaks, differences in abilities of group members, changes in weather and sea conditions
- 12.2** Demonstrate appropriate risk management strategies on and off the water and the ability to adjust plans when required
- 12.3** Have a first aid kit and be able to deal with first aid situations if required
- 12.4** Carry appropriate safety equipment relevant to the trip e.g. flares, hand pump, towline, emergency shelter, communications

- 12.5** Demonstrate safe practices, good judgment and decision making
- 12.6** Take reasonably practicable steps to eliminate or minimise the effect of significant risks for self and others
- 12.7** Describe the emergency services available for sea kayaking expeditions

Instruction

13. Prepare and deliver teaching sessions

The candidate will:

- 13.1** Develop aims based on knowledge of clients and timeframes
- 13.2** Plan a logical and safe sequence of teaching progressions
- 13.3** Select and prepare a suitable location appropriate for the teaching session and client success
- 13.4** Brief the clients and outline the learning outcomes
- 13.5** Demonstrate a wide and in-depth knowledge of the topic or skill
- 13.6** Use a variety of clear demonstrations and explanations
- 13.7** Be able to discuss the theory behind a particular technique
- 13.8** Use appropriate terminology
- 13.9** Use a range of teaching skills and methods
- 13.10** Provide opportunities for clients to practice
- 13.11** Deliver a variety of feedback that is timely and specific
- 13.12** Adapt the session to suit the client needs and progress
- 13.13** Maintain a positive learning environment

14. Teach a rolling session

The candidate will teach a rolling session that prepares clients for rolling in surf and an open water environment, which demonstrates:

- 14.1** Confidence activities including capsize procedures/wet exit
- 14.2** A sweep roll progression
- 14.3** The ability to teach a rolling technique most suited to the needs of individual clients e.g. C to C or Pawlata
- 14.4** Critique and enhance a client's existing rolling technique

15. Teach sea kayak skills

The candidate will provide clients with effective instruction in:

- 15.1** Manoeuvring and control strokes
- 15.2** Appropriate clothing and equipment for the conditions
- 15.3** Packing for an expedition involving long periods of activity without landing
- 15.4** Lifting, carrying and transporting a loaded sea kayak
- 15.5** Use of communications and emergency equipment

The candidate must use teachable moments to provide clients with effective instruction, coaching, tips or feedback on topics or skills which may include, but are not limited to the following:

- 15.6** Paddling skills e.g. strokes; forward, reverse, stopping, turning, brace/support, power, forward and reverse sweeps, draw, touring, stern rudders, railing/edging, launch and landing, combination strokes to avoid obstacles, ferry gliding, surfing
- 15.7** Group management e.g. organising a surfing session, organising a group landing, keeping a group together in adverse conditions
- 15.8** Rescue skills e.g. unassisted self-rescue, assisted self-rescue, client rescues from a capsized boat, weak/tired client rescue, towing
- 15.9** Trip Planning
- 15.10** Hazard identification and management strategies
- 15.11** Weather
- 15.12** Navigation and location awareness
- 15.13** Nautical knowledge
- 15.14** Environmental interpretation, appreciation and care
- 15.15** Cultural respect, te ao Māori, Kaitiakitanga and the marine environment
- 15.16** Development of sea kayaking
- 15.17** Teaching progressions and techniques