



# Introduction to Powerboating

## National Powerboat Training Scheme

Get wet, Get on the water!

Objective	The aim of this course is to provide a short practical introduction to boat handling and safety on powerboats being used on all Irish waters.
Previous knowledge / experience	No previous knowledge of powerboating is required or assumed
Types of Boat	This course may be completed in any type of sailing dinghy, small keel boat or catamaran. Your certificate will show what type of boat you used.
Duration	The Introduction to Powerboating Certificate should ordinarily consist of a minimum of 7 hours contact time. However the length of the course may be extended where it suits participants to take a more relaxed approach to the programme.
Assessment	Assessment is continuous throughout the course.
	<i>By the end of this course you will be able to do the following:</i>
<b>Preparation of boat for use.</b>	<p>Be able to safely refuel a boat, stow fuel tanks &amp; connect fuel lines</p> <p>Be able to identify and demonstrate the use of the following equipment: Mooring lines, fenders, anchor and warp, boathook, bilge-pump, bailer, paddles or oars.</p> <p>Be able to identify and describe the use of following equipment: fire extinguisher, first aid kit, flares, whistle.</p> <p>Be able to stow and secure equipment on board.</p>
<b>Clothing &amp; Equipment</b>	<p>Be able to select what clothing and footwear to wear while afloat.</p> <p>Be able to describe the different types of Personal Flotation Device available, and identify which is most appropriate for use on activity and when they should be used.</p> <p>Be able to correctly don the PFDs used during the course.</p>
<b>Basic Boat Handling</b>	<p>Be able to undertake appropriate pre-start checks on the engine and hull.</p> <p>Be able to start and stop the engine.</p> <p>Be able to steer the boat ahead and astern while making allowances for windage and current.</p> <p>Be able to anticipate the distance the boat will carry when in neutral</p> <p>Have demonstrated that they can keep an effective lookout while underway.</p> <p>Be able to describe the effect that excessive wash may have on moored boats, river /</p>



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<b>Planing and manoeuvring while on the plane</b>	<p>When the course is conducted in a planing boat, be able to;</p> <ul style="list-style-type: none"><li>bring a boat safely onto the plane,</li><li>steer a straight course, turn while on the plane bring the boat off of the plane and while doing so;</li><li>Communicate effectively with crew</li><li>Demonstrate observation and look out while driving at speed</li><li>Demonstrate awareness for the effects of wash.</li></ul>
<b>Leaving and coming alongside</b>	<p>As crew, have demonstrated that you can, when coming alongside and leaving a moored boat or pontoon;</p> <ul style="list-style-type: none"><li>Prepare, use and stow mooring lines</li><li>Prepare, use and stow fenders</li><li>Safety and effectively use cleats, bollards and rings to both manoeuvre and secure the boat.</li><li>Communicate effectively with the skipper and other crew members.</li><li>Describe any likely hazards associated with this manoeuvre.</li><li>Be able to describe, and as appropriate demonstrate, correct protocols for;</li><li>Sharing cleats, bollards &amp; rings</li><li>Crossing other boats</li><li>The use of fenders</li></ul>
<b>Securing to a mooring buoy</b>	<p>As crew, have demonstrated that you can, when picking up a mooring;</p> <ul style="list-style-type: none"><li>Prepare mooring warp(s) for use</li><li>Use the boat hook to recover the buoy</li><li>Communicate with the helm</li><li>Making fast to the mooring</li><li>Release the boat from the mooring.</li></ul>
<b>Anchoring</b>	<p>As crew, have demonstrated that you can, when anchoring the boat;</p> <ul style="list-style-type: none"><li>Prepare the anchor, chain and / or warp for use.</li><li>Drop the anchor and pay out chain / warp as directed by the skipper</li><li>Safely recover the chain / warp and weigh the anchor.</li><li>Secure the anchor, anchor chain and warp.</li></ul>
<b>Man Over Board</b>	<p>As crew, demonstrate what actions to take when returning to, and then recovering a man overboard.</p>

### Where can you go to do this course?

This course can only be run by an ISA Training Centre. All ISA Training Centres have all gone through a rigorous accreditation process to ensure that they provide high quality training in a safe environment. With Training Centres based in every corner of Ireland there are plenty to choose from for training close to home or while on holiday.

To find a full list of ISA Training Centres & Courses in your area go to [www.sailing.ie/training](http://www.sailing.ie/training)

To purchase a Small Boat Sailing Scheme Logbook please logon to the ISA shop [www.sailing.ie/shop](http://www.sailing.ie/shop)



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<b>Application of “Rules of the Road”</b>	Be able to correctly position the boat relative to a channel and other boats when manoeuvring in confined channels, rivers, canals and harbours. Be able to identify when risk of collision exists.
<b>Regulations</b>	Be able to identify and implement the following where they relate to the use of powerboats; National legislation
<b>Safety on Board</b>	Be able to identify how best to avoid a man-overboard. Be able to describe how to summon assistance in an emergency. Be able to describe how to reduce the risk of fire on board and what to do if one occurs.
<b>Rope work</b>	Be able to fasten a line to; a cleat, mooring bollard and ring an anchor Be able to coil and stow a line Be able to tie a the following knots and identify when they should be used; Round turn and two half hitches. Be able to control (surge) a line under tension using a mooring cleat or bollard.
<b>Towing</b>	As crew, be able to set up and secure an astern tow from another boat to allow your own boat to be towed.
<b>Weather</b>	Be able to describe how weather may affect your powerboating activities.
<b>Navigation &amp; pilotage</b>	Have Skipped the boat on a short passage and demonstrated that you can; Correctly identify and use buoys and marks when piloting the boat.
<b>Coastal Knowledge</b>	Be able to describe the effect tides can have on your powerboating activities.
<b>Further training</b>	Be able to identify what further training courses are available and where to find out about them.

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