



# MOUNTAIN NAVIGATION: ADVANCED



## COURSE OVERVIEW

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Take your navigation skills to the next level with our intensive 3-day Advanced Navigation Course, designed for outdoor enthusiasts who already have solid foundational skills and want to operate confidently and independently in complex mountain terrain—both in daylight and after dark.

Across three immersive days, you'll refine advanced contour interpretation, strengthen your compass expertise, and build robust navigation strategies for poor visibility and challenging conditions.

The final day transitions from day into night, giving you hands-on experience navigating in darkness—an essential skill for anyone heading into remote or unpredictable mountain environments.

## SKILLS COVERED

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- Advanced contour interpretation
- Micro-navigation
- Measuring distance (timing & pacing)
- Navigating across complex or featureless terrain
- Aiming off, attack points & catching features
- The compass: functions & precise bearings
- Navigation in poor visibility
- Relocation strategies
- Route choice, safe decision-making & hazard avoidance
- Night navigation techniques
- Navigating away from paths and in remote terrain

[For more information visit the course page](#)



WWW.LAKEDISTRICTMOUNTAINEERING.CO.UK | INFO@LAKEDISTRICTMOUNTAINEERING.CO.UK

# MEETING DETAILS

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## MEETING LOCATION:

Honister Slate Mine

Honister Pass

Keswick

CA12 5XN

**Google Maps Link:** [🌐 Honister Slate Mine · Honister Pass, Keswick CA12 5XN, United Kingdom](#)

**What3words:** [🌐 ///pots.almost.shunning](#)

## Parking info:

- The car park at Honister is £5 per day and you can pay for this in the Honister shop
- There is also a National Trust car park at this location (next door)
- This is £8 for the day or free to NT members
- Location: [🌐 ///concerned.blend.streaking](#)

## MEETING INSTRUCTIONS:

- Please meet your instructor for 9:00am
- Your instructor will meet you inside the cafe at Honister.
- We'll also share their vehicle details, to make it easy and clear for meeting them on the day.
- On arrival, there will be a briefing to outline the day's plan and itinerary.
- The instructor will check for any medicals
- We will ensure everyone has the correct kit. Please follow the kit list - without the right equipment, we may not be able to proceed for safety reasons.
- Please arrive ready to go with your bags packed, ready for the day on the hill
- We will begin the day with a short navigation re-cap & skills review session before we do the practical elements on the course and head onto the hill



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## KIT LISTS:

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Kit lists can be found here - [KIT LISTS - LDM](#)

Please ensure you have the following equipment:

## MOUNTAIN CLOTHING:

- Waterproof jacket
- Waterproof trousers

- Spare clothes (warm layers)
- Rucksack 30-40L
- Warm hat & gloves

## OTHER ITEMS:

- Flask (optional)
- Water bottle
- Lunch & snacks
- Small first aid kit and/or personal medication
- Walking pole(s) (optional)

## NAVIGATION EQUIPMENT:

- Relevant maps include:
  - [1:25,000 - OL4](#)
  - [Harvey Superwalker \(West\) - optional but beneficial](#)
  - [Harvey BMC 1:40,000 - optional but beneficial](#)
- Map case (or waterproof maps)
- Compass – Silva Expedition type 4 is the recommended model
- Timing card (provided)
- Stopwatch (watches are best like Casio style watch)
- HEAD TORCH! For use on Night Navigation

## OTHER USEFUL INFORMATION:

We can share group equipment such as first aid kits & group shelters etc. LDM can supply group first aid kits and group shelters.

Please make sure you have all of your personal medication to hand on your person if needed and let the instructor know if you are carrying medication.

Please make sure your footwear is appropriate for the terrain we are in and adheres to the weather on the day. We will be walking in rough and rocky terrain in the mountain environment and it can also be boggy and wet - so waterproof boots or waterproof socks are recommended.

30L ish Day Bag - your rucksack needs to be big enough to comfortably fit all of your equipment INSIDE. Please don't bring duffle bags. Recommended brands: Osprey, Lowe Alpine, Rab, Mountain Equipment, Deuter.

Please pack all kit inside the bag as best as possible; a rucksack liner or dry-bags are best to keep kit organised and dry.

It is worth bringing hat and gloves even in the summer. The mountain conditions can be significantly different at the top with cold temperatures experienced all year round.

A waterproof jacket can be used as windproof jacket even when it's not raining.

Please no jeans or cotton. Wool/nylon base-layers are best and soft-shell mountain trousers are quickdrying.

