



# REBREATHER

## MIXED GAS CCR DIVER COURSE

### COURSE OVERVIEW

This course will train the divers to use normoxic trimix (16% and higher) in diluents and bailouts to a maximum depth of 200ft/60m. The Mixed Gas CCR Diver course is a mainly practical skills based course building on the knowledge developed during the basic course. The aim of the course is develop the skills required to use the Evolution/ Inspiration CCR at depths beyond the normal recreational limits utilizing diluents other than air. Learn the advanced requirements of closed circuit dive planning including bailout options and correct diluent selection.

The Inspiration/Evolution Closed Circuit Rebreather is the first CE approved closed circuit breathing system. The Inspiration/Evolution Rebreather gives all the benefits of Nitrox but without the pre-mixing and without the depth limitations.

### ENROLL IN THIS COURSE!

Contact us at +(416) 322-7066 or at [adventures@arctickingdom.com](mailto:adventures@arctickingdom.com)



### COURSE PREREQUISITES

Have completed a basic CCR course on the Evolution/Inspiration from a recognized agency. Must have a minimum of 100 logged dives. Minimum of 50 hrs on rebreather distributed over a minimum of 50 dives with 60% of the dives deeper than 66ft/20m.

### Course Structure:

A total of 500mins of underwater time will be required to complete this course.

**Day 1** – Classroom session to review basic CCR theory and cover the theory specific to CCR diving using Helium based diluents. 1 dive 33ft/10m – 66ft/20m. Equipment configuration drills. Review of basic CCR skills. Correct mounting of stage cylinders, practice of removal and replacement of stages. CC-OC-CC practice drills. OC Bailout drills.

**Day 2** – 2 Dives 100ft/30m – 132ft/40m lasting around 60 minutes. Practice of CCR open water skills including practice of full OC bailout from a depth of 100ft/30m-115ft/35m. Closed Circuit dive planning exercise with OC bailout plan.

**Day 3** – 2 Dives 100ft/30m – 132ft/40m lasting around 60 minutes. Practice of CCR open water skills including removal and replacement of side mounted bailout bottles. Closed Circuit dive planning exercise with OC bailout plan.

**Day 4** – 2 Dives 132ft/40m – 165ft/50m lasting around 60 minutes. Practice of CCR open water skills including practice of full OC team bailout from a depth of 132ft/40m-150ft/45m. Closed Circuit dive planning exercise with OC bailout plan.

**Day 5** – 2 Dives 165ft/50m – 200ft/60m lasting around 60 minutes. Practice of CCR open water skills including manually operate the CCR with off board gasses. Closed Circuit dive planning exercise with OC bailout plan.

### COURSE INFORMATION

**2009 Dates:** April 8- 14, 2009  
**Price :** \$4100.00  
**Included:** From Ottawa - airport transfers, accommodations, all meals in itinerary, books, 5 day course, softlime, oxygen, O2 bottles, Diluent Bottles, O2 Analyzer, all charters, weights.  
**Not Included:** Flights to Ottawa, drysuit and rebreather (available on request),  
**Location:** 1000 Islands, St. Lawrence River, Ontario, Canada

