



## Charlestown Diving Academy

# CDAA Deep Cavern Course

**The Deep Cavern Course is the amalgamation of skills and knowledge necessary to safely dive in Cavern and Sinkhole rated sites. Training covers areas that may have zero visibility and the potential for unlimited visibility. A maximum training depth of 40m is recommended.**

The Deep Cavern course content will consist of the equivalent of five full days of theory and diving as a minimum. The Course structure can be scheduled over non-consecutive days, evenings and weekends and need not be taught over consecutive days.

### STUDENT PRE-REQUISITES

- Hold an Advanced Open Water level recreational SCUBA diver award or equivalent and be qualified as an Open Water diver for a minimum of 12 months.
- Have logged a minimum of 25 dives (post Advanced Open Water level) totaling a minimum of 20 hours, including at least two night dives and five dives deeper than 25 metres.
- Be a minimum of 18 years old.
- Successfully complete a diving medical statement. If any contraindications are flagged then a full diving medical examination will be required.

### WHAT YOU WILL LEARN

To include CDAA history, cave geology, equipment considerations, pre-dive checks and safety drills, buoyancy and anti-silting, communications, reel and guideline use, gas management and calculation, physiological considerations, access procedures, dive planning, emergency procedures, hazards, accident analysis.

### EQUIPMENT REQUIREMENTS

- Suitable exposure suit (for >10 degrees water)
- Mask and fins (straps taped or replaced with velcro/spring heels respectively)
- Small sharp cutting device
- Watch or bottom timer or computer (preferably on wrist)
- Depth gauge or computer
- BCD or Wing/Backplate/Harness
- Twin cylinders combined minimum capacity of 2200 litres
- Primary reel with a minimum of 100m of line (may be supplied by instructor)
- Two regulator first stages each with one second stage attached, one of which has a hose that is at least 2 metres in length
- One primary and two back up lights
- Submersible decompression tables
- Wetnotes or pencil and slate
- Two submersible pressure gauges (SPG) if using a twin independent system (only 1 required if using an isolation manifold)

### FINAL COURSE SKILLS

- One confined water dive in pool or cavern 2-3 hours.
- Six training and site dives in CDAA rated Caverns and Sinkholes.
- Total of 7 dives.



**"So much ocean, So little time"**

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