



(808) 762-2532
train@trident-va.com

A large white helicopter with "TRIDENT ADVENTURES" and the number "52" on its side is the central focus. The main rotor blades are blurred, suggesting motion. Several people are visible: one man in a dark shirt and shorts stands on the side of the helicopter, another man is seated inside the cockpit area, and a third man in a dark wetsuit is suspended in the air below the helicopter, appearing to be rappelling or jumping. The background is a clear, light blue sky.

HELICOPTER CAST MASTER

Approved to serve students who
are utilizing VA Education Benefits

Take advantage of your GI-Bill®

Veterans (Ch 30/33)

Active Duty (Ch 30/33)

Qualified Dependents (Ch 33)

Gold Star Families (Ch 35)

Veteran Readiness & Employment (VR&E) (Ch 31)

Helicopter Cast Master

The Helicopter CM COI is a challenging and demanding course that trains its students to become leaders in this unique industry. The CM course teaches the student how to control, manage, and supervise groups of helicopter jumpers into a safe situation utilizing the CM's helicopter, safety personnel, waterborne safety platforms, as well as implementing other imperative assets and pertinent persons.

Students must learn how to manage, organize, lead and have a general knowledge of all the hard safety assets and platforms involved with each jump to include:

- Coast Guard COI (Certificate of Inspection) commercial boats.
- Dive Propulsion Vehicles (DPV's).
- FAA Certified helicopters for Helicopter Casting.
- Department of Land and Natural Resources (DLNR) certified maritime Mobile Rescue Vehicles (MRV's)/Jet skis.
- Any other safety platforms required for casting within a specific Area of Operation (AO) as per local, state, and federal laws and regulations.

The student must also master the lead role and responsibility of all safety personnel involved in a casting operation to include:

- FAA approved pilots for helicopter casting operations.
- Coast Guard certified commercial boat captains.
- Life guard certified safety swimmers.
- DLNR certified MRV/Jet ski operators.
- Any other safety personnel required for casting operations within a specific Area of Operation (AO) as per local, state and federal laws and regulations.

This course is both academic and performance based. It requires each CM student to prepare and give many presentations, safety briefings, and display an intimate knowledge of every aspect involved in a casting operation. This COI involves intense waterborne practical training exercises, including both subsurface and surface waterman rescue swimmer skills. Students will culminate their training by applying their knowledge and skills during realistic scenarios, and enacting emergency action drills.

This course provides students extensive development in project management and includes a heavy emphasis on asset/personnel management. The CM must have a general knowledge of each asset, key safety personnel, and able to enact all levels of safety protocols. This course also provides exposure in a variety of aquatic environments in order to prepare them for a profession in the industry. This course is academically, mentally, and physically demanding, requiring a 100% full commitment from the CM student to be successful. Upon graduation, the CM student will be awarded a FAA recognized, Trident Adventures Helicopter Cast Master commercial certification and will be officially qualified to perform professional level CM duties within FAA recognized DZ airspaces.

The vocational objective of this course is for the student to obtain the CM rating and certification, which is recognized as the only professional certification of its kind in the civilian sector within the United States of America.

Administrative – (Day 1)	
Administrative Check in / Processing / Orientation	.5
Academic Material Issue	.5
Welcome Lecture / Course Expectations / Intro: Key Staff and Admin Personnel	1.5
Issued Gear Distribution / Basic Gear Class / Gear Set up	1.5
Helicopter Intro / Roles and Responsibilities of a CM Classes – (Day 2)	
Introduction to Helo Casting Class	2
Helicopter Fam and Walkthrough	1
Roles and Responsibilities of a CM	1
Pool Skills – (Day 3)	
Water Safety Class	2
Intro to Emergency First Response	2
Safety Swimmer Class	1
Physical Fitness Test	1
Diver Propulsion Vehicle (DPV) Class	1
Rescue Swimmer with and without a DPV	1
Open Water Practical – (Day 4)	
Helicopter Cast Practical Walkthrough	3
Helicopter Cast Practical	1
Open Water Safety Swimmer Practical	2
Boat Captain Safety Class	2
CM Roles and Responsibilities Practical – (Day 5)	
CM Administrative and Logistical Responsibilities - Class	2
CM Practical Application / Ground Work	2
Emergency First Response (EFR) – (Day 6)	
EFR Workbook Review (Homework Completion)	1
EFR Class	1
AED Practical with Dummies	1
EFR Practical with Dummies	1
Rescue Scenarios / Multiple Helo Cast Iterations – (Day 7)	
Helicopter Cast Practical Iterations (façade) - Pool	2

DPV Rescue Scenarios - Pool	1
EFR Scenarios (Dummies) - Pool	1
Student 1:1 Ratio Under Instruction (UI) Helo Cast Practical – Helicopter (Group A)	2
Rescue Swimmer Practical – Open Water	1
EFR Rescue Scenarios – Open Water	1
Student Teach Backs and Practical Application – (Day 8)	
Student Teach Backs HC Brief and Logistical Checkoff List / Asset Management	3
Student Teach Back Helicopter Practical Simulation	2
Student 1:1 Ratio Under Instruction (UI) Helo Cast Practical – Helicopter (Group B)	2
Safety Swimmer Open Water Test	1
Tests – (Day 9):	
Helo Cast Final Written Exam	2
EFR Final Exam	1
Remediation	1
Briefing Skills and Commercial Application – (Day 10)	
Student HC Brief Test	1.5
Helo Cast Commercial Application, Markets, Business of a CM	1
Gear Maintenance Class	1.5
Full Training Culmination and Open Water Application – (Day 11)	
Student Full HC Prep and Brief	2
Helo Cast Elevators	5
Debrief / Remediation	2
Helo Cast Final Training Exercise – (Day 12)	
Student Full HC Prep and Brief	2
Full Spectrum HC Graded Exercise – Final Practical Exam	4
Intro to Scuba Diving (Class) & Other Water Activities for Commercial Application/Marketing	1
Debrief / Remediation	1
Graduation	-
<i>Total Hours:</i>	73

Total Contact Hours: 73

NOTE: Additional hours for students to study, practice, or log additional required training should be done in the student's free time, at the student's leisure.

Prerequisites:

- Minimum 18-years old.
- Submit the provided medical clearance documents, valid within last 12-months.
- Must pass the minimum standards for the Physical Fitness Test.