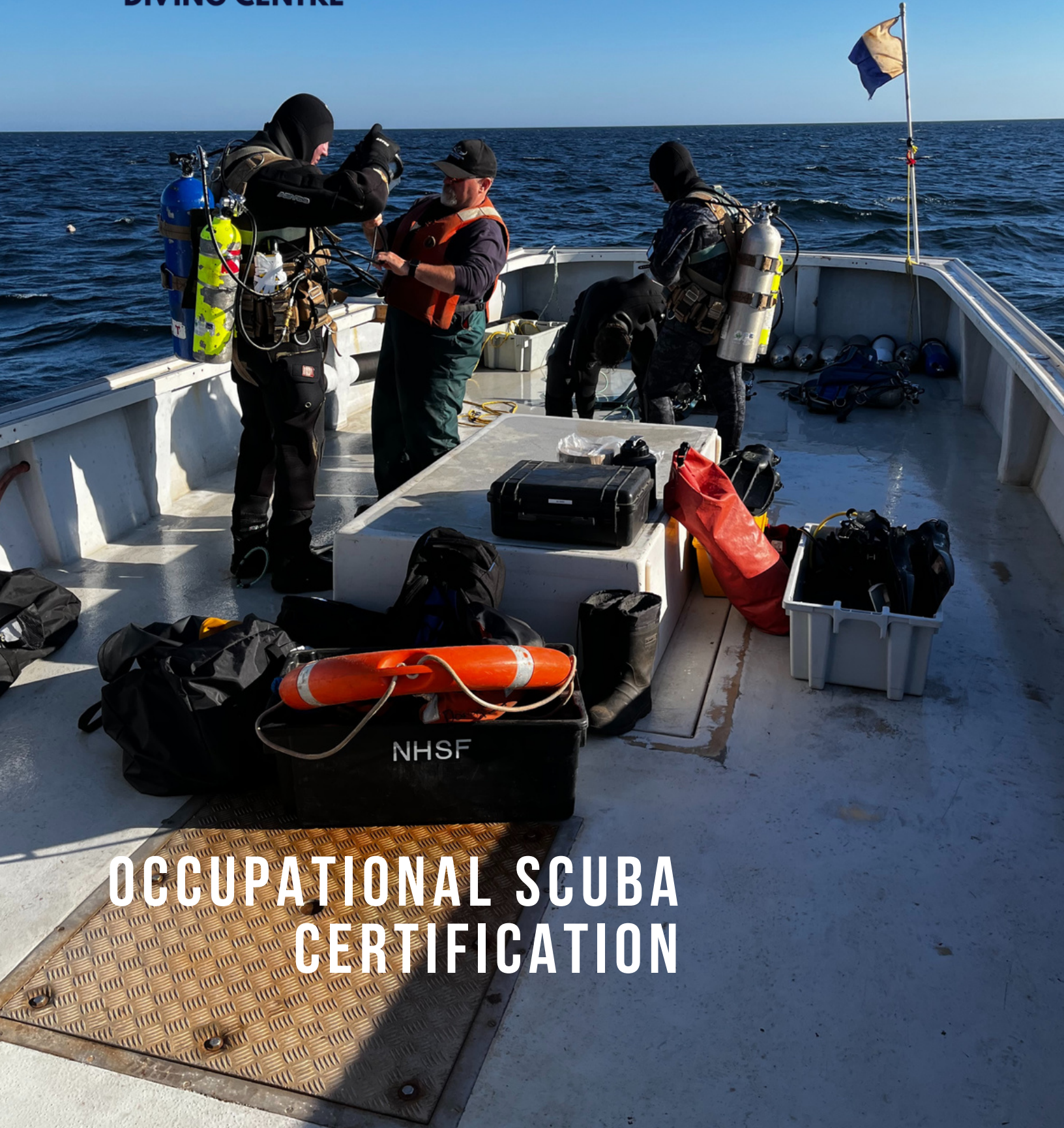




**ATLANTIC COMMERCIAL
DIVING CENTRE**



**OCCUPATIONAL SCUBA
CERTIFICATION**

01

PROGRAM OVERVIEW

This course will give the graduate certification to the CSA standards for an Unrestricted Occupational Scuba Diver. The CSA standards are recognized worldwide as a leader in setting the standard for Commercial diving. They are represented internationally by the Diver Certification Board of Canada (DCBC). This certification allows the diver to conduct commercial diving operations using scuba equipment to a maximum depth of 30 metres (100 feet).

Work in aquaculture diving, seafood harvesting, engineering and environmental inspections, archaeological investigation, public safety diving, search and recovery, police operations, small vessel maintenance and underwater film/video production.

What you will learn...

- Underwater navigation & environmental survey work
- Underwater search and recovery, hand tools, knot tying
- Seamanship, vessel docking, ocean environment
- Full face mask diving, low vis diving, hull inspections, zinc change



03

ABOUT ACDC

Located in Summerside, Prince Edward Island, Atlantic Commercial Diving Centre is the only certified commercial diving school in Eastern Canada. Our staff have a combined 200+ years of industry experience and facilities boast the latest in equipment and technology. We are proud of our high success rate from our carefully crafted programming, combining in-class lectures with hands on experience.

WE FOCUS ON STUDENT SUCCESS.

We know our graduates are eager to begin their career upon graduation. We are proud that employers look to us to provide the commercial diving industry with highly trained and dedicated talent. Our students train in the tidal waters of the North Atlantic, preparing them to work anywhere in the world.

Our ACDC graduates are in demand, working on everything from deep water drill platforms to bridges, aquaculture environments, ships and more.

04

OUR TEAM

**SCHOOL DIRECTOR:
KIMBALL JOHNSTON**

Graduated from Commercial Diving (1987) and Welding (1985). Expertise is Welding/UW Welding, Marine Construction, Demolition, Salvage, Ship repair and maintenance. Certifications include:

USS Diver
USS Supervisor
KMDSI Technician
Red Seal Welder
Diver Medic

**DIRECTOR OF
ADMINISTRATION:
HANNAH JOHNSTON**

Hannah graduated from UPEI with a Bachelor of Business degree. Hannah works behind the scenes to keep staff and student on track. She oversees main office, accounting, marketing helps guide students through the admission process and assists with student loans, government funding and processing tuition payments for students. General inquiries and all course bookings also go through Hannah.

**ASSISTANT DIVING
INSTRUCTOR:
COREY GUIGNARD**

Corey graduated from welding school in 2016 and became a red seal welder in 2020. He worked as a welder for 5 years before becoming a Commercial Diver. Corey has proved himself as a skilled welder and has shown he is just as skilled welding underwater.

**DIVING INSTRUCTOR:
ELDON MURPHY**

Graduated from commercial diving school in 1973 and has been involved in the industry since.

Expertise is marine construction and demolition, salvage, and Ship repair and maintenance. Certifications include:

Unrestricted Surface Supply Supervisor
KMDSI Technician
Red Seal Welder

**DIVING INSTRUCTOR:
IAN RODD**

Graduated from commercial diving school in 1980 and has been involved in the industry since.

Expertise is Saturation diving. Hazards and Legislation Certifications include:

Unrestricted Surface Supply Diver
Mix Gas Diver

05

ADMISSION REQUIREMENTS

Please note seats in the program fill quickly. It is better to apply first and secure a spot (you will need your transcript) and then collect the remainder of required documents and prerequisites.

You will need the following to complete your final application:

- Grade 12 or equivalent with credits at or above the general level.
- Open Water Scuba Diving Certificate with 20 logged dives and 10 hours of bottom time.
- Full commercial diving medical from an approved hyperbaric physician and completion of the Occupational Diver's Medical Fitness Examination form indicating that you are fit to dive. You will find a list of approved hyperbaric physicians on the DCBC website (<http://divercertification.com/english/PhysiciansList.html>).
- Résumé including work and volunteer experience with applicable dates, membership in groups, associations or athletics, awards and distinctions, and the contact information for two personal references.
- Face to face interview with instructors (via video chat) to be scheduled by the School Director.

Feel free to include any other information about yourself that you think may be relevant to your acceptance to the program.





ADMISSION REQUIREMENTS CON'T

Students are expected to participate in a daily fitness program to assess their fitness to dive each day, to improve their cardiovascular fitness, and as a team-building activity.

MEDICAL FORM

The “Certificate of Medical Fitness” must also be completed, signed and stamped by attending physician.

The medical form has been provided “with the permission of Canadian Standards Association, material is reproduced from CSA Standard Z275.2-04, Occupational Safety Code for Diving Operations, which is copyrighted by Canadian Standards Association, 178 Rexdale Blvd., Toronto, Ontario, M9W 1R3.

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07



TUITION AND FEES

TOTAL: \$7,660 (CANADIAN DOLLARS)

| | |
|--|-----------|
| Tuition (domestic) | \$6,975 |
| DCBC Certification | \$110 |
| First Aid/WHMIS certificate | \$100 |
| Oxygen Administration certificate | \$50 |
| Department of Education - Student Protection Fund | \$75 |
| Books | \$350+GST |

A \$100 non-refundable application fee applies. In order to hold your seat in the program 10% of tuition is due within 14 days of acceptance letter from the school. The balance of 90% is 30 days prior to the courses start date. If waiting for student loans, please make arrangements with the director prior to the start of the program. International student please contact our office for tuition and fees at info@acdcepi.com

EQUIPMENT LIST

*The prices below are solely for budgeting purposes – all costs are approximate and are the responsibility of the student . If you have any questions regarding your dive suit, please contact your local dive shop. Please note: if you are planning to purchase a custom made suit, allow at least 6-8 weeks for delivery.

- Dry suit (neoprene or rubber) with: detached hood, inflation valve located in centre of chest, inflation hose with large connector (ie. Apex) or adpter. \$2,450
- Dry-suit Underwear and socks \$240
- 1 pair of 3-finger neoprene mitts (at least 5 ml thickness and loose fitting) \$75
- Fins (large foot pocket for dry suit) \$225
- Rain suit \$100
- Exercise gear and running shoes \$200
- CSA approved work boots \$120
- Dive knife/rigging knife \$20

Approximate Total \$3,430

LIST OF COURSES

Diving Physics

This subject offers the needed information to provide a required understanding of how the laws of physics affect the diver and his/her safety and performance while attempting any underwater task.

Diving Equipment

This subject offers the student practical training in the care and use of various types of commercial diving equipment and to acquaint him/her with operational techniques used in the field. The student shall be competent in the proper set-up, operation, inspection, and maintenance of various types of personal diver equipment and develop the personal knowledge required for safe underwater operations and a respect for regulations and procedures.

Diving Procedures

This course describes the interdependence between the responsibilities and roles of each dive team member. Topics include personnel duties, manual communications, radio protocol, safety management plan, hazard analysis, and job safety analysis.

Diving Physiology

This subject will give the students a comprehensive understanding of diving hazards, physiology, safety procedures, decompression and treatment table selection and usage. The importance of recognizing, diagnosing and understanding the physical effects of pressure in the underwater environment is emphasized.

Diving Systems

In this course students will study the operation, maintenance, and documentation of the life support systems used in a occupational SCUBA operation.

Rigging & Hoisting

This subject includes training in rigging, hoisting, signaling and construction safety for the marine and construction industry. Students are able to demonstrate the use of rigging equipment used both on the surface and underwater in support of diving related operations. Personal discipline for the safe conduct of activities on and around a construction site is emphasized.

LIST OF COURSES CONTINUED

Decompression

In this course students explore the principles of compression and decompression. Concepts included in this course are the implications for routine operations, emergencies, and therapeutic recompression. Students apply the Defense and Civil Institute of Environmental Medicine (DCIEM) air diving tables and US Navy treatment tables as well as other proprietary decompression tables in common use.

Hazards & Legislation

In this course students learn to apply federal and provincial Occupational Health and Safety legislation, standards, regulations, and guidelines pertinent to surface-supplied diving operations, diving plant, and equipment. Students learn of the hazards involved in commercial diving operations and strategies used to minimize these hazards.

U/W Inspection

This course introduces the dive student to practices and principles of inspection. Topic includes personnel requirements, need for inspection, basic terminology, modes of failure, inspection techniques, documentation, record keeping, communication and written procedures.

Diving Practicum

This subject offers the student practical topside and in-water training in the use of a variety of diving equipment and hands-on experience. It provides the student the opportunity to become thoroughly familiar with using diving gear while working underwater, and to gain underwater experience perform competently in open water of varying bottom conditions, water visibility, and depths to 30 M.

Diver Fitness

Students learn to assess their fitness level as well as techniques for improving physical conditioning and health awareness through nutrition, lifestyle and exercise. This course includes a daily fitness program for the purpose of assessing the diver's fitness to dive each day, improving cardiovascular fitness, and team building. The ultimate goal is for students to successfully complete the Assessment of Diver Physical Tolerance (ADPT).



ATLANTIC COMMERCIAL DIVING CENTRE

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