



**ATLANTIC COMMERCIAL  
DIVING CENTRE**



**UNRESTRICTED  
SURFACE SUPPLIED  
DIVER CERTIFICATION**

# 02

## 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.



# 3

## 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

### **DIVING INSTRUCTOR: JOE GEORGE**

Started diving in 1990 and trained as a combat diver in the military. In 2005 Joe became a certified commercial diver with ADC International and has been involved in the industry since with 13,000 logged dives.

Expertise include Occupational SCUBA, Public Safety Diving, Underwater demolitions and conventional munition disposal. Certifications include: DCBC Unrestricted Surface Supply Diver, First Aid and CPR instructor

### **DIVING INSTRUCTOR: TOBY ARSENAULT**

Graduated from commercial diving school in 1993 and has been involved in the industry ever since. Expertise is saturation diving. Certifications include:

Unrestricted Surface Supply Diver  
Mix Gas Diver  
ALS Technician  
Diver Medic

### **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

### **DIVING INSTRUCTOR: BARRY DOYLE**

Trained by military, in 1981 became ships diver, trained as a clearance driver in 1982, moved to role of search and rescue diver in 1988.

First Aid and CPR instructor, Diving Supervisor

### **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

## 04

## CAREER OPPORTUNITIES

**Graduates from this program may find employment with:**

- Harbour infrastructure inspection, maintenance, underwater welding and repair
- Deep water drilling platforms inspection, maintenance, and repair
- Oil and gas pipelines infrastructure inspection, maintenance, and repair
- Shipbuilding and ship repair underwater welding/burning
- Bridge inspection, maintenance, underwater welding/burning and repair
- Police departments, investigation, search and recovery
- Fire departments
- Search and rescue squadrons
- Parks Canada underwater archeology
- Canadian Armed Forces
- Scientific diving
- Seafood harvesting and aquaculture
- Quality control and quality auditing companies

## TESTIMONIALS

“

“I wasn’t exactly sure what I wanted to do after high school but I knew I wanted it to be a career that would allow me to be predominately outdoors and in construction. Taking my Commercial Diving Certification with Kimball and his team was the best career decision I could have made. I was employed within 10 days of graduating and make more money than most of my friends graduating from university.” Luke Castle, Brockville, Ontario

“I very much appreciated Kimball Johnston going above and beyond, and his enthusiasm to assist his students in their endeavour to be successful. Whether or not you come into the program with lots of experience or none at all, the knowledge you gain and the dives you go on will have you prepared to start a commercial dive career anywhere in the world.” Chris Fernander, Nassau, Bahamas

”



## PROGRAM OVERVIEW

*The USSD certification is a 22 week intensive course held at our state of the art facility in Summerside, PEI. The program typically runs from January to June. Classes are limited to a maximum of 24 students.*

In this program, you will learn about diving equipment, systems and procedures, and you will progress into courses on inspection, underwater welding, construction techniques and more. Surface cutting and welding courses are taught on campus before progressing to underwater techniques. Various dive sites throughout Atlantic Canada expose you to the realities of working in tidal waters and strong currents, preparing you to work in any body of water worldwide.

Graduates receive a Diving Certification Board of Canada (DCBC) Unrestricted Surface Supplied Diver Certificate, which is recognized by The International Marine Contractors Association (IMCA), The Association of Diving Contractors International (ADCI), the Health and Safety Executive (HSE) in the United Kingdom, and the Australian Diver Accreditation Scheme (ADAS).

You will also receive your CPR, First Aid, Oxygen Administration, and WHMIS certificates.



## 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. Preference will be given to applicants with a physics credit.
- 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.



## 07

## 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.

While use of this material has been authorized, CSA shall not be responsible for the manner in which the information is presented, nor for any interpretations thereof.





## 08

## TUTITION AND FEES

**TOTAL: \$20,450 (CANADIAN DOLLARS)**

Tuition (domestic)	\$19,975
Kirby Morgan operator certificate	\$45
Administration Fee	\$30
First Aid/WHMIS certificate	\$100
Oxygen Administration certificate	\$50
Personal Helmet Kit	\$250
<b><u>*Not included in total*</u></b>	
Books	\$400
Deep Dive Lab fee	\$600
DCBC Certification	\$200

A \$100 non-refundable application fee applies. A 10% deposit is required upon acceptance to reserve your seat. 40% of tuition is due 30 days prior to the first day of class, the remaining 50% of tuition is due at the midway point of the program (approx. 10 weeks). 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@acdcpei.com](mailto:info@acdcpei.com).

The Atlantic Commercial Diving Centre is approved under the Private Trainer's Act of Prince Edward Island. This means that students may be eligible for financial aid and student loans through their province and as well are able to use their RESP's for this course.

## 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. \$1,280
- Dry-suit Underwear and socks \$240
- 2 pairs of 3-finger neoprene mitts (at least 5 ml thickness and loose fitting) \$150
- Fins (large foot pocket for dry suit) \$150
- Cotton shirt & pants for chamber wear (hospital scrubs or PJs bottom) \$50
- Overalls \$100
- Rain suit \$100
- Exercise gear and running shoes \$200
- CSA approved work boots \$120
- Dive knife/rigging knife \$20
- 8" crescent wrench \$8
- TC approved PFD working vest (personal floatation device) \$50
- CSA approved Hard Hat (type 2/class E or G) any color but white \$50
- Hearing Protection (ear plugs for shop use) \$15

**Approximate Total \$2,325**



# 10

“We have hired divers from every school all over the country. The divers that have been trained by Kimball and his team best meet our requirements. They come With the right attitude, well trained and punctual.” Kim Gregg, RMI Marine Limited

## PROGRAM TRAVEL

Students should budget for following additional travel that will take place during the course. Students typically car pool. Dive sites may vary from year to year. Here is an example:

### **Off Site Deep Dive (within Maritimes)**

During our deep dive training the Commercial Diving program will provide accommodations, dives will be completed in 7-10 days. Students will be responsible for their own food. Students will be responsible for transportation to and from the site. Typical Distance from Summerside: 300km

### **Charlottetown, Prince Edward Island**

Required dives to 70' are done off site and require students to travel to the site in Charlottetown (45 min drive, no accommodations required). As a general rule these dives are completed in 5 days but may need additional time to complete. Distance from Summerside: 60km

### **Bathurst, New Brunswick**

Occupational SCUBA, the deep dive portion requires a 1 day field trip to Bathurst. Students will be responsible to pay for their meals. Transportation to and from Bathurst will be provided.



# LIST OF COURSES

## **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 surface supplied diving operation.

## **Hand & Power Tools**

In this course students shall gain a basic understanding of the function, operation, safety requirements and maintenance of hand tools, electrical, pneumatic, and hydraulic activated tools.

## **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.

## **Cutting & Welding**

In this course students learn how to set up, maintain and uses oxyfuel cutting equipment Shielded Metal Arc Welding (SMAW). Emphasis will be placed on safety in the set up and procedures. Hands-on practical experience is the basis of this course.

# LIST OF COURSES CONTINUED

## **U/W Cutting & Welding**

In this course students examine the processes involved with underwater welding and burning procedures. This course includes the practical for underwater welding and cutting. Emphases will be placed on safety, the safety procedures and techniques used as a diver/welder, as well as topside station set up for an underwater welding/cutting operation. Students will then have an opportunity to apply their knowledge and skills in producing acceptable welds and cuts underwater.

## **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.

## **Hyperbaric Chambers**

This subject offers the student theoretical and practical instruction in the safe operation and maintenance of a hyperbaric chamber for surface decompression and for therapeutic treatment. An understanding of the laws of physics and the physiological effects of pressure on the body is needed to effectively initiate and complete treatment using a hyperbaric chamber.

# LIST OF COURSES CONTINUED

## **Inshore Construction**

This subject will cover the elementary principles and procedures involved in salvage and inshore construction commonly used in diving today. Topics include marine construction, wharves, seawalls, bridges, ships, barges, dams, pipelines and marine cables. This subject will also examine marine structures with emphasis on marine building materials, their design and application. Many diving jobs have to be carried out in polluted water. This course also explores the use of explosives in the underwater environment.

## **Offshore Construction**

This course is designed to prepare students for diving projects in the offshore oil and gas industries. A diver's main duties will involve the construction and repair of structures. This subject will help you achieve the basic knowledge of construction required by the diving industry of today.

## **Diving Practicum I**

This subject offers the student practical topside and in-water training in the use of a variety of diving equipment and hands-on experience with a variety of tools (hand and power). 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 15 M.

## **Diving Practicum II**

This course is the student's deep diving practical. It includes competencies studied and practiced throughout the program. The course outcomes include a requirement of accumulated bottom time hours. The deep dive practical diving utilizes hot water suits, surface decompression, wet bell, and offshore dive system and procedures.

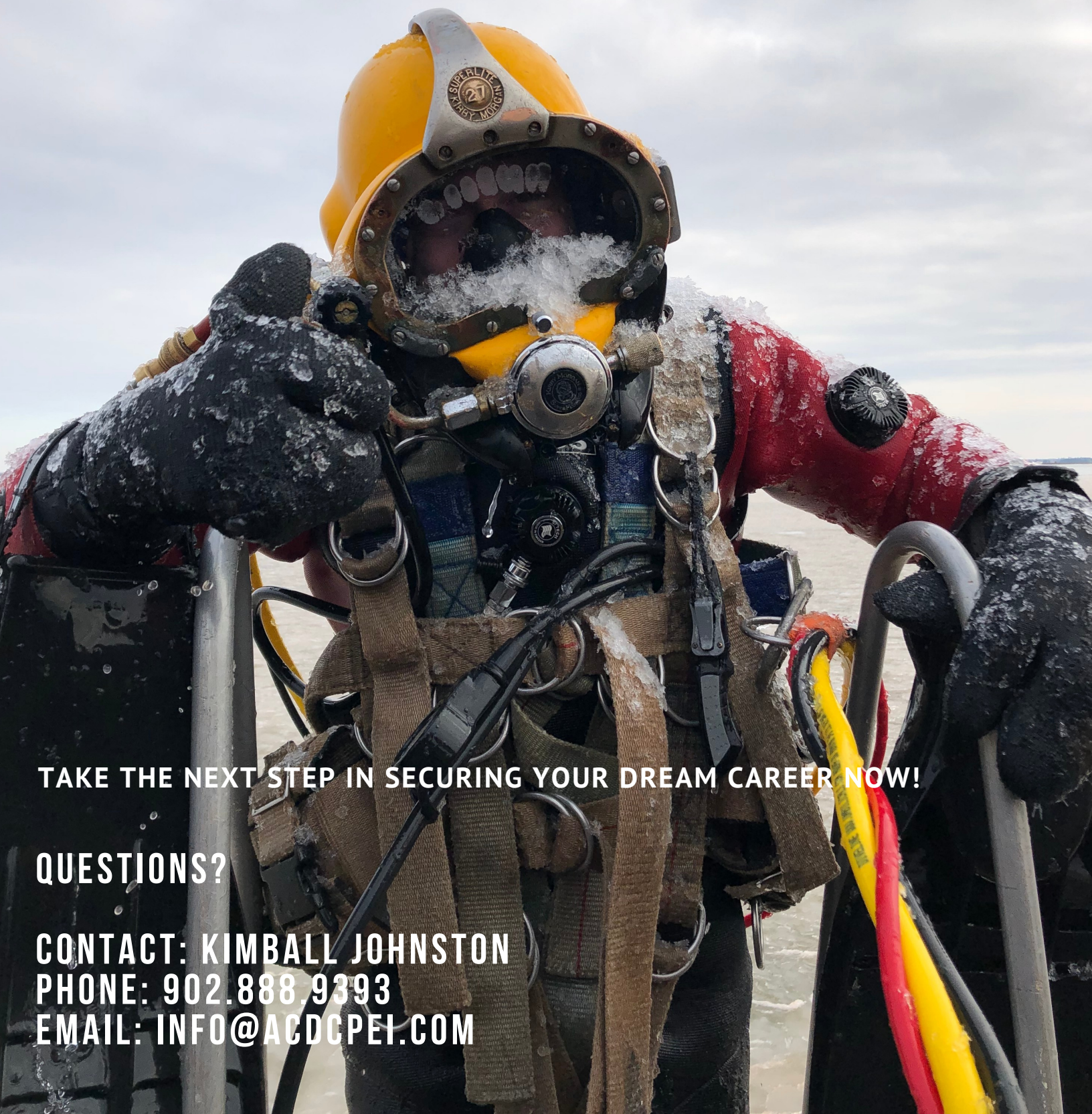
## **Diver Fitness**

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**



**TAKE THE NEXT STEP IN SECURING YOUR DREAM CAREER NOW!**

**QUESTIONS?**

**CONTACT: KIMBALL JOHNSTON  
PHONE: 902.888.9393  
EMAIL: [INFO@ACDCPEI.COM](mailto:info@acdcpei.com)**