



2010 catalog
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(Volume 16)

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Main Campus and Dive Stations, Retail
1400 Pier Side Street Building 190 Suite c
North Charleston, S.C 29405-2206

We want to welcome you to the International Diving Institute.

This catalog, with its programs, policies and requirements represent the official publication of the International Diving Institute. Students enrolling in the Institute are subject to these provisions and should read this catalog carefully. Failure to read this catalog does not excuse students from following these rules and regulations, Policies.

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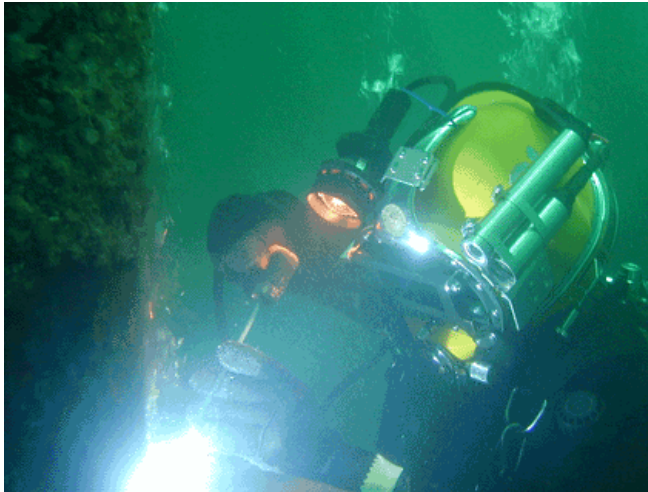
Our Mission

The Institute's mission is to provide and prepare the graduates of IDI for a career in the commercial diving industry as entry-level divers/tenders who excel in knowledge, skills and safety. The Institute strives to accomplish this mission by setting comprehensive criteria and high standards for quality learning that meet the diving industry expectations.

The faculty consists of experienced personnel from the diving industry inland and offshore; The North Sea; Asia and the Gulf of Mexico.

The Institute is aware of its responsibilities to provide the highest standards of safety, and the Institute has chosen to have a close relationship with the diving industry, in the best interest of the students to update all the safety guidelines.

The Association of Diving Contractors International (ADCI), the National Association of Scuba Educators (NASE), and the Sea Research Society recognize International Diving Institute (IDI). The Institute trains to the Standards published by the American National Standards Institute (ANSI) and the Association of Commercial Diving Educators (ACDE).



General Information

The Institute (IDI)

The International Diving Institute
Was established in 1996 as the
East Coast Dive Connection (ECDC)
Sergio Smith
In Summerville, South Carolina.
East Coast Dive Connection, L.L.C.
Was reorganized and renamed the
International Diving Institute in
2004.

Facilities

The **corporate office & main campus, dive stations** and **retail shop** are located at 1400 Pier Side Street; North Charleston, SC consists of a 21,000 square ft. area on the Cooper River. This facility also houses two fully functional hyperbaric chambers, and both topside and underwater welding and burning stations.

Memberships

The International Diving Institute is a member of...

Association of Diving Contractors
International (ADCI)
5206 FM 1960 West, Ste. 202
Houston, TX 77069
281-893-8388

American Welding
Society (AWS)
550 N.W. LeJeune Road
Miami, FL 33126
305-443-9353

International Diving Schools
Association (IDSA)
47 Faubourg de la Madeleine
56140 Malestroit
Brittany, France

Affiliations

WASI/NASE Worldwide
360 South Fort Lane, Ste. 107
Layton, UT 84041
801-363-9274

Sea Research Society
1600 Meeting St.
Charleston, SC 29405
843-532-8222

Trident Technical College
7000 Rivers Ave.
North Charleston, SC 29406
843-574-6115

Multinational Diving Educators Association
PO Box 90530
Nashville, TN 37209
615-352-8890
divemdea@aol.com

Licensure...

IDI is licensed by the South Carolina Commission on Higher Education, located at 1333 Main Street, Suite 200, Columbia, SC 29201. The phone # is (803)-737-2260. Licensure indicates only that minimum standards have been met; it is not an endorsement or guarantee of quality.

Program Assessment and Verification of Training...

In order to ensure compliance with our Mission Statement we utilize an external organization to **assess and verify the competency of our students and staff** and further to audit our training programs. This external organization is...

- ADCI (Association of Diving Contractors International)

Hours of Operation

Main Campus and Dive Stations

Monday – Friday 07:00am – 5:00pm

Corporate Office

Monday - Friday 9:00am - 5:00pm

Retail

Monday - Friday 9:00am - 5:00pm
Saturday 10:00am - 5:00pm

Start and End Class Dates

Classes will begin on the first Monday of the month and will last 16 weeks. There will be no new classes starting in December. See insert for specific dates.

Student Holidays

2010

New Years Day	January 1
Spring Break	April 1-4
Memorial Day	May 31
Independence Day	July 4
Labor Day	September 6
Veterans Day	November 11
Thanksgiving	November 25-28
Winter Break	Dec. 20-Jan 2, 2011

General Policies...

Non-fraternization Policy...

The International Diving Institute does **not** tolerate fraternization between students and instructors/employees on or off the premises under any circumstance in order to prevent the appearance of impropriety. If the student and instructor/employee are found guilty of fraternization, disciplinary action will result up to and including termination for the student and the instructor/employee. The Institute assumes no responsibility for any consequences that may arise from a student entering into a relationship with an instructor / employee outside of school activities.

Sexual Harassment...

The International Diving Institute strives to maintain an academic and work environment that protects the dignity and promotes the mutual respect of all students and employees. In compliance with Title VII of the Civil Rights Act of 1964, sexual harassment of students or employees will not be tolerated.

Accuracy Policy...

Although the editor and publisher of this catalog have made every reasonable effort to attain factual accuracy, no responsibility is assumed for editorial, clerical or printing errors.

Discrimination...

International Diving Institute does not discriminate in admissions or employment on the basis of race, gender, color, national or ethnic origin, age, religion or disability. We are in compliance with Title IX of the Education Amendments of 1972 and section 504 of the Rehabilitation Act of 1973 and the Americans with Disabilities Act of 1990.

Admissions

Physical Attributes and Aptitude:

The work done by commercial divers is very demanding. It requires physical and psychological endurance. Students seeking admission should be mechanically adept, hard working and responsible.



Admission Requirements and Procedures...

An applicant must...

- 1) Be 18 years or older.
- 2) Schedule an interview with program faculty in order to review student's compliance with admission requirements. Interviews may be conducted by phone for students outside of South Carolina. Call 843-740-1124 for an appointment.
- 3) Complete the official International Diving Institute application/enrollment form. This may be obtained by visiting/contacting the admissions office.
- 4) Sign release and waiver of liability form.
- 5) Provide originals or certified copies of driver's license, birth certificate and social security card. The student can mail copies of originals; however he/she must produce originals at registration for verification.
- 6) Submit official transcripts demonstrating high school graduation, GED or equivalent.
- 7) If former military, applicant must submit DD214.
- 8) Submit to a formal background check with law enforcement agencies.
- 9) Submit to drug testing prior to admission and randomly throughout the program.
- 10) Undergo a physical examination prior to admission but within 60 days of your start date. It is highly recommended that students get an **ADCI** physical by a licensed physician in their area that is **qualified by experience or training to conduct commercial diver physical examinations**. The ADCI website (www.adc-int.org) provides a list of qualified diving medical examiners as well as a copy of the physical examination and medical history forms. The ADCI physical is a very extensive physical. All of the x-rays and tests are appropriate for working commercial divers exposed to very rigorous conditions; however, they may create an unnecessary financial hardship to the student diver and is not critical for student training. *We do require that students have at minimum a basic physical with an EKG, PFT, UA, CBC and chest x-rays. We also require a formal letter from the physician on letterhead stating that the student is fit for diving and hyperbaric activities. The physician will also need to sign off on the

student's logbook after the student has filled out the personal information. We can send the logbook to the student for a cost of \$35.00. **We do not want copies of the physical.** Please keep in mind that perspective employers may require graduates to complete the full ADCI physical. If for some reason, the student fails that physical, the International Diving Institute is not responsible in any way and the student will not be compensated for any monies spent to attend the institute. It is the **student's choice** to do the complete ADCI physical or the minimum requirements. Just remember that the minimum may get the student into school, but once the student leaves IDI, he/she may have to pass the complete ADCI physical and we accept NO RESPONSIBILITY for the outcome.

*Contact the school with your physician's information and we will be sure he/she is Informed of the medical requirements for your physical.

11) Submit to a US Navy pressure tolerance test.

Disqualifying Conditions...

According to ADC, a person having any of the following conditions, as determined by a physician's examination shall be disqualified from engaging in diving or other hyperbaric activities.

- Chronic conditions requiring continuous control by medication
- History of seizure disorder other than early childhood febrile (high fever) conditions.
- Cystic or cavitory disease of the lungs, significant obstructive or restrictive lung disease, or recurrent pneumothorax
- Chronic inability to equalize sinus and middle ear pressure
- Significant central or peripheral nervous system disease or impairment
- Chronic alcoholism drug abuse, or history of psychosis
- Significant hemoglobinopathies
- Significant malignancies
- Grossly impaired hearing
- Significant osteonecrosis
- Pregnancy

It is recommended but not required that students have ...

1) Basic open water scuba certification by a recognized certification agency.

International students **are required** to meet the same admission requirements as US citizens. Furthermore, they must...

- 1) Have a valid US Visa for studying in the USA.
- 2) Have transcripts accompanied by certified translations.
- 3) Provide financial documentation that they can pay tuition and living expenses in US currency while enrolled in the Institute.
- 4) Show proof of medical insurance.

We are not accepting international students at this time!

All the above requirements will be fulfilled at the student's expense.

Tuition and Fees

Application Fee (non-refundable)	\$100.00
Tuition	\$11,000.00
Commercial Diving Equipment (approximately) (non-refundable)	\$1900.00+
Books (approximately) (non-refundable)	\$192.00
Physical (if performed by IDI's physician) (non-refundable)	\$345.00
Mandatory random drug tests (minimum of 2 performed thru IDI) (non-refundable)	\$100.00

Refund Policy...

Cancellation must be made in person or by certified mail. All monies except the application fee of \$100.00 will be refunded if the school does not accept the applicant or if the student cancels within three business days after signing the enrollment agreement. Cancellation after classes have begun, but prior to 60% completion of the program, will result in a pro-rated refund of total tuition. (See the following table).

Hours completed	Percent of refund
1-64	90
65-128	80
129-192	70
193-256	60
257-320	50
321-384	40
385-640	0

Cancellation after completing 60% of the program will result in no refund. Termination date For refund computation is the last date of actual attendance by the student unless earlier written notice is received by the student in person, or notarized by certified mail. Refunds will be made within 30 days of termination or receipt of cancellation notice.

Financial Aid...

Financial Aid is not available at this time. However, we do offer in-house financing. See enrollment application for financial options.

Student Services

Dormitories... Housing accommodations are not provided by the school, however a list of housing providers will be available upon request.

Insurance... The International Diving Institute is not responsible for the payment of personal hospital bills or physicians charges.

Dive Log Book... It is mandatory for all students to maintain an approved Diver's Log Book for all diving activities and experience. The student is responsible for keeping the logbook current, and accurate. Students must have their logbooks signed and verified daily by an instructor.

Library... The library maintains a wide selection of books, periodicals, journals and reference materials to support research, vocational study and recreational reading. In addition, computers with internet access are available. The library is open daily from 11:00am to 1:00pm, 3:00pm to 5:00pm

Graduate Placement Assistance... Securing employment is a cooperative effort between the student and the Institute. The Institute therefore does not and cannot guarantee employment. The Institute does assist graduates through job postings, faxes and emails from potential employers. Additionally the Institute provides didactic instruction on developing resumes and conducting employment interviews.

Student Conduct

Code of Conduct...

Noncompliance with this code of conduct may result in disciplinary action that may include dismissal from the program.

The International Diving Institute's code of conduct does not permit the following:

- Use or possession of illicit drugs (Students must sign Alcohol & Drug Policy)
- Use of any substance that may impair the student mentally or physically
- Cheating
- Stealing
- Falsification of records
- Plagiarism
- Behavior harmful to the Institute's image, function, or contractual arrangements
- Possession of weapons on campus
- Violent, disorderly or disruptive behavior
- Physical or sexual abuse or harassment
- Discrimination by race, color, religion, age, disability, or gender.
- Failure to meet financial obligations to the institute.
- Failure to comply with municipal, state and federal laws.
- Damaging property or equipment

- Use of computer to view material the Institute deems inappropriate, for example: pornography, drugs, alcohol or anything that incurs charges.

Students are expected to conduct themselves in a professional manner at all times, and demonstrate a positive learning attitude.

Dress Code...

- Wear IDI t-shirts during school hours and graduation
- No large tears or holes in clothing
- Neat appearance
- Good personal hygiene
- No baggy pants (safety hazard)
- Steel toe boots
- No Jewelry, body piercings on school premises

Safety Code...

The safety of the staff and students must be the primary concern throughout all school activities. The following Safety Code requirements will be strictly enforced. Failure to comply with safety requirements and instructions will be grounds for disciplinary action.

- Students will wear safety gear at all times
 - Steel toe boots
 - Hard hat
 - Other gear as instructed
- Any unsafe equipment must be reported immediately
 - Equipment or gear in need of maintenance or repair must be tagged with a written explanation.
- Tobacco of any kind is not allowed in the classrooms, work areas, or on the dive stations
- All accidents must be reported to an instructor immediately.
- When operating the hyperbaric chamber no jewelry of any kind may be worn.
- No cell phones while on school property due to distractions.

No Cell Phone Policy...

Cell phones are not allowed on school property due to distractions. If a student needs to be reached for an emergency, they should direct calls to the main office. We will forward the information to the student. Students can utilize their phones during lunch break. If a student is caught with a phone during regular school hours, he/she will have to turn their phone in and it will be returned at the end of the day.

Medical Conditions...

A student who cancels or takes a leave of absence for medical reasons must have documentation from a physician. The student must also have a release from the physician to return to class that states the student is fit for diving and hyperbaric activities. This will be done at the student's expense. Students are required to notify their instructor or the President when taking medication (prescribed or not) that may adversely affect the individual's performance and/or cause harm to him/herself and/or others. The student may provide a copy of the prescription or have the doctor write a note listing all side effects. If

the student is not able to dive for five consecutive days for medical reasons, the institute will have to evaluate whether the student can continue with their class or if the student will need to be rolled back to the next available class. If the student is rolled back, the student will be charged for the additional prorated tuition and housing.

Attendance Policy...

Students are expected to be prompt and attend all classes and practical training.

Absences: Documentation must be provided for absences. The student will have 5 days to turn in an excuse or the absence will be unexcused. The student will have to stay late to make up the hours he/she missed within 2 weeks. **A student with more than two (2) unexcused absences will not be awarded credit for the program.**

Tardiness: Up to 15 minutes late will be considered tardy, 15 minutes or more the student will be considered absent for the day. Students should notify their instructor if they are running late. If the student is tardy three (3) times, it will be considered one (1) unexcused absence and the student will be required to make up lost time (up to 9.5hrs).

Makeup work: It is the student's responsibility to get with their classmates and instructor to obtain any notes or missed assignments. Any work missed must be made up within 2 weeks by staying late to make up the hours missed.

Readmission: Students who have left the program for any reason and desire to return must reapply and submit a letter requesting readmission. If the student has taken the midterm and passed he/she can reenter the program within 3 months without retesting. If it has been longer than 3 months, the student will have to pass a pre-assessment test. If a student reapplies after one year it will be considered a new application and all fees will apply. If the student was dismissed from the program for violation of the drug/alcohol policy, he/she must provide proof of DOT approved counseling/rehab along with the letter for readmission. The student will also have to go before the board and they will determine whether the student can be readmitted.

Student Complaints: Students must attempt to resolve their problem with the instructor or staff member where the alleged problem originated. The conference must take place within five business days of the incident that generated the complaint. If the grievance cannot be resolved at the informal conference, the student may file a written grievance to the President. The President will meet with the student and a final decision will be made within three business days. Unresolved issues may be addressed with the South Carolina Commission on Higher Education.

Academic Policies

Graduation Requirements...

Upon satisfactory completion of all course material, the student will be awarded a Certificate for Air/Mixed Gas Surface Supplied Diver and an ADCI card for entry-level tender/diver. Additionally, students will receive a certificate for each advanced class successfully completed. Students will not receive Certificates until they have had financial clearance, passed a housing inspection, returned their apartment key and gate card.

Grading...

The student will be evaluated in both academic and practical aspects of the course.

Each section must be successfully completed with a score of 75 or more prior to advancement to the next section in the program. If the score is not achieved, the student will be allowed only two (2) probationary periods during the 16 week course, more than two (2) and termination may result. Students placed on academic probation for (15 days) and may be allowed to retest. The student must receive a minimum of 75 on the retest. The maximum grade on the retest will be 75 regardless of the actual score. If the student fails the retest, termination will result. The student may reapply at his or her own expense; however he/she will have to restart the program unless they passed the midterm. If the student passed midterm, he/she will be able to start the program at midterm as long as he/she restarts the program within 3 months. After three months, the student will have to pass a pre-assessment test; after one year, the student will be considered a new applicant. The students will not be allowed to retest on the mid-term exam nor the final exam. If the student fails the midterm, he/she will have to restart the program at his/her own expense. If the student scores below 75% (excluding the retest) while on probation, he/she will be put on suspension for 30 days. The student must vacate student housing while on suspension and he/she will be charged a penalty fee of \$900.00 for loss of his/her seat in the program. When the student returns, he/she will be reinstated with the next **available** class. If the problem occurs after returning from suspension, termination will result.

*VA Students: Must sign standard of progress addendum.

Grades will be assigned as follows...

Score	Grade	Achievement
92 – 100	A	Excellent
84 – 91	B	Good
75 – 83	C	Fair
0 – 74	F	Failure
W/P		Withdraw/Passing
W/F		Withdraw/Failing

Progress Reports...

Progress reports are maintained daily. The instructor will inform the students of their progress after completion of each course objective.

Academic Probation and Suspension...*

Students who score below a 75 on their test will be placed on academic probation for (15 days) and may be allowed a retest. If the student fails the retest, termination will result. During the probationary period, the student must meet the stated requirements established by the Institute and their instructor. If the student is absent during the probationary period, termination may result. If the student scores below a 75 (excluding the retest) while on probation, he/she will be put on suspension for 30 days. The student must vacate student housing while on suspension and he/she will be charged a penalty fee of \$900.00 for loss of his/her seat in the program. When the student returns, he/she will be reinstated

with the next **available** class. If the problem occurs after returning from suspension, termination will result.

*VA Students: Must sign standard of progress addendum.

* VA Students: \$900.00 loss of seat does not apply per VA regulations.

Transfer Credits... *

The Institute makes no claim or guarantee that credit earned will transfer to another school. It is the policy for the institute that no credit will be granted for previous work, unless conducted by an organization certified to conduct Prior Learning Assessments/Verification of Training or by an organization certified to perform Credit Acquired Transfer protocols.

*VA Students may be given credit for previous military dive training. The student must pass a pre assessment test and provide a copy of their DD214 with the military education section filled out. The training must have occurred within one year of enrollment in the Institute.

Course Outline and Objectives:

In order to receive an ADCI certification card one must have adequate training and possess a valid certificate. The following curriculum meets the ACDE/ANSI Standards and the student will receive an ADCI certification card upon graduation. The benefit of obtaining an ADCI certification card is that it is recognized and accepted internationally.

ORIENTATION... 10.0 Hours

- Mission and goals of International Diving Institute (IDI).
- Overview and Objectives of the Course Schedule.
- IDI's Terms and Conditions.
- Pass ADC Physical Examination
- View School and Dive Site/Dormitory
- Issue Professional Diving Equipment
- History of Diving
- Introduction to ADC Consensus Standards
- Introduction to Physical Fitness
- Complete a Hyperbaric Chamber dive to 60 fsw¹
- Complete a Hyperbaric Chamber dive to 165 fsw



SAFETY OPERATIONS FOR SURFACE SUPPLIED DIVING... 18.0 Hours

- Federal State and ACDE/ANSI Job Safety
- OSHA Diving Regulations
- US Navy Standards
- US Coast Guard Standards
- American Red Cross/First Aid CPR

¹ FSW – Feet of seawater.

- Dive Log Book for Commercial Divers
- Documentation
- Drug Policy (Healthy Work and Training Environment, Drug and Alcohol-Free)

DIVING PHYSICS... 25.0 Hours

- Objectives
- Terms Related to Physics
- Measuring the Divers World
- The Gasses Divers Use
- The Gas Laws
- Buoyancy Principal
- Physics Calculations and Formulas
- Physics Exercises and Homework/Quizzes



ANATOMY AND PHYSIOLOGY 18.0 Hours

- Terms Related to Anatomy & Physiology
- Systems of The Body
- Diving Injuries and Psychological Aspects
- Effects of Pressure

DIVE MEDICINE... 16.0 Hours

- Terms Related to Dive Medicine
- Divers Ailments
- Diving Injuries and Psychological Aspects
- Diving Emergencies and Procedures
- Dangers of Marine Life

DECOMPRESSION AND TREATMENT TABLES... 60.0 Hours

- Terms Related to Decompression Diving
- Decompression Tables for Air Diving/Surface Decompression
- Dive Charts Tables and Exercises
- Recompression Rules
- Recompression Treatment Procedures
- Practice Treatment Exercises
- Examination of Injured Diver

HYPERBARIC CHAMBER OPERATIONS... 62.0 Hours

- Decompression Chamber History
- Hyperbaric Chamber System and Design
- Drawings & Schematics
- Gas Supply for Chambers
- Precautions in Chamber Use
- Chamber Operations Procedures
- Surface Decompression using Oxygen and/or Air-Nitrox
- Lock in/Lock out Procedures

- Practical applications

UNDERWATER USE OF TOOLS AND EQUIPMENT PART 1... 64.0 Hours

- Diving Equipment
- Diving Gear and Type for Commercial use
- Diving Hats/Masks and Bailout Bottles
- Diving Boxes/Manifolds and Umbilical's
- Divers Protective Clothing and Tools
- Safety Precautions
- Maintenance and Repair
- Log & Record Keeping
- Orientation dives



DIVING SUPPORT EQUIPMENT... 32.0 Hours

- Maintenance of Divers Umbilical's
- Marine Diesel Engines and Compressors
- Gas & Air Systems and Testing/Repair
- Hydraulics Systems
- Support Equipment Assembly and Maintenance
- Drawings & Schematics

RIGGING FUNDAMENTALS / PRACTICAL APPLICATION... 85.0 Hours

- Construction use and care of Fiber, Synthetic, and Wire Rope
- Seamanship Rigging/Splicing/ Knots and Hitches
- Calculation of Problems for Safe Working Load
- Performance of Underwater Rigging Project
- Crane Signals and Directions
- Air-Winches and Booms

UNDERWATER USE OF TOOLS AND EQUIPMENT PART 2... 65.0 Hours

- Emergency Procedures for Loss of Gas
- Multiple Bolts and Flange Projects
- Bottom Search Project
- Penetration Dive
- Hogging Line Project and Angle Descending Line
- Excavating, Dredging and Air Lifts
- Air Lifts and Hand Jetting
- Mid Water Project
- Lifting Devices
- Introduction to Free-Flow Helmets
- Introduction to Underwater Inspection

- Live boating...
 - a) Operational Considerations
 - b) Safety Considerations

***TOPSIDE WELDING/CUTTING... 60.0 Hours**

- Application of Topside Welding/Cutting
- Limitations of Topside Welding and Cutting
- Welding/Cutting Techniques and Components
- Equipment for Topside Welding/Cutting
- Safety Precautions



UNDERWATER WET WELDING AND CUTTING... 24.0 Hours

- UW Welding/Cutting Equipment
- UW Welding and Cutting Technique
- UW Cutting and Welding Procedures
- UW Welding in the Flat, Vertical and Over-Head Positions
- UW Safety Precautions

DIVE OPERATIONS PLANNING... 12.0 Hours

- Collection and analysis of data
- Job estimation
- Equipment selection
- Assemble dive crew
- Review & perform safety precautions
- Special Safety Standard

UNDERWATER USE OF TOOLS AND EQUIPMENT PART 3.... 24.0 Hours

- Riser Clamp and Riser Setting
- Pipeline and Bottom Working Applications
- Pneumatic UW. Tools and Power Units
- Hydraulic Tools and Power Units
- Lifting Devices
- Inspection and Maintenance of UW Tools
- Ships Husbandry/Dry Docks
- Sea/Ship and Salvage
- Safety Inspection, equipment & procedures
- Inland & Coastal Diving

OFFSHORE OILFIELD DIVING AND OPERATIONS... 28.0 Hours

- Operations of the Offshore Diving Industry
- History of Offshore Diving
- Oilfield Productions and Contracts
- Offshore Terms and Structures Related to Oil Productions

- Offshore Diving Personnel in Operations
- Offshore Working and Diving Conditions
- Offshore Diving Spreads and Dynamic Positioning (DP)
- Type of hazards (Noxious Gases, Biological and Chemical Hazards).
- Exposure to Climate
- UW Explosions
- Special Safety Precautions
- Survival Offshore

MIXED GAS-SURFACE SUPPLY AND SATURATIONS DIVING... 32.0 Hours

- History & Medical Aspects of Mixed Gas Diving
- Mixed Gas Diving Techniques and Procedures
- Mixed Gas Decompression and Emergency Procedures
- Mixed Gas Practical Applications to more than 190fsw
- Saturation Diving Theory and History
- Saturation Diving System and Design
- Hot Water Systems and Design
- Introduction to Remotely Operated Vehicle (ROV)
- ROV's Offshore and Inland Applications
- Safety Procedures and Regulations



EMPLOYMENT ASSISTANCE...5.0 Hours

- Resume Preparation
- Final Job Search

This program of International Diving Institute is a minimum of 16 weeks. The number of students in each class is a maximum of 10.

According to the ANSI Standard, a student must achieve a minimum of 625 hours of formal instruction.

Course Outline Total Hours: 640 Hours (hour is equivalent to 60 minutes)

*This portion of the curriculum may be taught at Trident Technical College.

Manuals to be used in training...

1. Commercial Diving Training Manual
2. US Navy Training Manual
3. NOAA Training Manual
4. ADCI Logbook
5. Handbook for Riggers

Educational Products to be used in training...

1. Introduction to Commercial Diving (Power Point by ADC)
2. ADCI CD Media Presentation
3. The Hazards of UW Burning
4. The Hazards of Diving DELTA P
5. The Dive (Video)

Advanced Training ...

Admission to the advanced training classes requires enrollment in the full curriculum or possession of a current Air/Mixed Gas Commercial or Surface Supplied Diver Certificate recognized by IDI. There must be a minimum of three students per advanced class.

Advanced Classes

- Under Water Wet Welding
- Under Water Burning
- Hyperbaric Chamber Technician
- Haz-Mat (Hazardous Material Response Technician)
- NASE Recreational Sport Diver Instructor Class
- Basic Rigging
 - Crane Operation (Basic) - Rigging is prerequisite
 - Forklift Operation (Basic) - Rigging is prerequisite
- PSD (Public Safety Diver)

Owners

Sergio Smith, President

Mr. Smith is the President of The International Diving Institute, formerly known as East Coast Dive Connection. He has been diving over 35 years and he has been the East Coast Regional Director for NASE Worldwide since 2000. He has lived all over the world and been a diving instructor in many places including the Gulf of Aquaba, Jordan; Souda Bay in Crete, Greece; and all over the Mediterranean Sea. Mr. Smith also worked with the University of Sassari in Sardinia as an archeological diver. He is fluent in English, Italian, French, and Haitian. He served with the Navy Special Warfare Group and was assigned to EOD Mobile Unit 12 in Charleston, SC where he was responsible for all air/mixed gas systems. The Navy certified him as a Master Repair Technician and Instructor in 1983. He opened East Coast Dive Connection in 1996 before retiring from the Navy after 20 years.

**Michael Hielscher,
Vice President**

Mr. Hielscher attended Technical College/University, Roskilde Denmark and earned a degree in Mechanical Engineering in 1983. He entered The Royal Danish Navy in 1983 and served as a Senior Diving Instructor and Assistant Chief Instructor. After military services Mr. Hielscher continued his diving career in the North Sea as a Saturations Diver and Supervisor for Inshore Marine Service A/S in Denmark. Mr. Hielscher transferred to The Gulf of Mexico where he worked as a Saturation/Mixed Gas Diver for Global Divers International, and Cal Dive International. Mr. Hielscher has over twenty years of offshore diving and supervising experience, before joining the *International Diving Institute*. Mr. Hielscher is certified as: Bell Saturations Supervisor (IMCA), 1990; Air Supervisor (IMCA), 1990; Navy Diving Supervisor, Bell Saturation Diver (IMCA), 1987; NDT - Det Norske VERITAS (DNV), 1988; UW Welding - UW Blasting, 1986; and Safety Offshore Certification, 1989. Mr. Hielscher speaks Danish, Swedish, Norwegian, German, and English. He is currently working as a consulting Dive Superintendent for offshore diving companies to include Deep Marine Technology (DMT), 2-W Diving and Bisso Marine.

**Edward Lee Spence,
Vice President**

Edward Lee Spence, is an internationally known expert on shipwrecks and sunken treasures, and has been described as one of the founding fathers of marine archaeology. He graduated Cum Laude from the University of South Carolina in 1976. He obtained a Bachelor Degree of Arts in Interdisciplinary Studies with academic concentration in marine archeology. Dr. Spence's past work has been funded by such institutions as the Savannah Ships of the Sea Museum, the College of Charleston, and the South Carolina Committee for the Humanities and the National Endowment for the Humanities. In 1991 and '92, Dr. Spence served as Chief of Underwater Archaeology for Providencia, a 40,000 square-mile archipelago in the Western Caribbean. He has worked on the wrecks of Spanish galleons, pirate ships, Great Lakes freighters, modern luxury liners, Civil War blockade-runners and submarines. He has authored more than two dozen books, and has served as editor for a number of nationally distributed magazines. Spence was the discoverer of the Civil War submarine Hunley, and in 1995, at the official request of the State of South Carolina Hunley Commission, he donated all of his rights to the wreck to the State. The Hunley has been described as the most important underwater archaeological discovery of the 20th century. Although Spence has discovered numerous historically significant shipwrecks, including the Confederate cruiser Georgiana, and has salvaged millions of valuable artifacts, he considers his identification of George Trenholm, who was the owner of the Georgiana, as the "Real Rhett Butler" to have been his most important literary discovery.

Faculty

David Sharpe, Diving Instructor/Supervisor

Mr. Sharpe has been diving for over 13 years. He began diving in 1993 and became Recreational Scuba qualified. Mr. Sharpe continued to work towards a career in diving by becoming certified in Technical Nitrox in 1996, SSI Asst. Instructor and NSS Full Cave Diver in 1997. In Nov. 2003, he became a NASE Instructor and graduated from Commercial Diving School as class Valedictorian. Mr. Sharpe's commercial diving experience includes service with Superior Offshore, Triton and Madcon Diving companies where he was instrumental in the Gulf Hurricane Recovery effort.

Kim Gissendanner, Diving Instructor/Supervisor

Kim Gissendanner has been diving since 1975 when he became active in offshore wreck diving, cave diving in Northern Florida, and archeological diving in the black water rivers of South Carolina. His SCUBA certifications have included YMCA Goldstar Instructor, PADI Open Water Instructor, NAUI, and National Speleological Society Cave Diving Instructor. In 1981 Kim graduated from Florida Institute of Technology (Distinction) with an Associate of Science Degree in Underwater Technology. He was honored with the school's Underwater Technology Award in 1981. Kim is certified for surface-supplied and mixed gas diving and is qualified on a variety of diving helmets including Mark V. Upon graduation Kim worked for 15 years in the commercial diving industry as a project manager and diving supervisor with UCD, Wiswell, Inc. and Aquatic Marine Systems, Inc. His diving experience includes ship's husbandry, power plants and dams, inspection work and heavy underwater construction involving welding and concrete encasement of various structures throughout the US and abroad. Kim has been involved in underwater construction projects in the US, Guatemala, Costa Rica, Guantanamo Bay, Cuba, Honduras, Curacao, and Aruba.

John Stoddart, Diving Instructor/Supervisor Substitute Diving Instructor/ Supervisor

Mr. Stoddart is retired from the U.S. Navy with 16 years of military and civilian diving experience. He was a qualified Master Explosive Ordnance Disposal (EOD) Technician, Hull Maintenance Technician, Unit Operations Officer and Instructor. In 1990, Mr. Stoddart completed SCUBA diver training at the Naval Submarine Training Center Pacific, Pearl Harbor, Hawaii. He then qualified as a U.S. Navy Diving Supervisor in both SCUBA and the MK16 Gas Underwater Breathing Apparatus in 1994. His U.S. Navy responsibilities included academic/practical instruction in a variety of EOD and diving related evolutions to include the training of international armed forces in the area of Port Security/Harbor Defense diving operations. Mr. Stoddart's tours of duty included 8 years at an Underwater Mine

Countermeasures Unit, 3 years in ordnance publications and render-safe procedure development and 3 years with an Ordnance Clearance Unit (both surface and underwater). Mr. Stoddart is a Nationally Registered Emergency Medical Technician Basic (EMT-B), although not currently performing duties as an EMT; he is active as an American Heart Association CPR and First Aid Instructor.

**Ronn Vann,
Welding Instructor, Classes held at Trident Technical College**

Mr. Vann is the Coordinator of the Welding Technology Program at Trident Technical College (<http://www.tridenttech.edu/>) located in North Charleston, South Carolina. He teaches a portion of the topside welding for IDI. He obtained an Associate in Occupational Technology (A.O.T.) from Trident Technical College (TTC) in 1985, a BS in Vocational Education from Southern Illinois University in 1992 and a Masters in Human Resources Development (MHRD) from Clemson University in 1994. Mr. Vann is also a Certified Welding Educator (CWE) and Certified Welding Inspector through the AWS (1995).

Contracted Faculty

**Linn Boughamer,
Instructor/Physics, Physiology and Dive Medicine**

Linn Boughamer became a Scuba Certified Diver in 2004. He holds a B.S. degree in Radiologic Technology and Biology from Alderson Broaddus College in Philippi, West Virginia, an M.S. degree in Radiology from the University of Cincinnati in Cincinnati, Ohio, and a D.M.D. degree from the Medical University of South Carolina in Charleston, South Carolina. During his 37 years in the medical profession he has 28 years of teaching experience and has served on numerous education and medical committees.

**Johnny Cercopely
HAZ-MAT/Safety Instructor**

Mr. Cercopely obtains a U.S. Coast Guard Captain-OUPV License. He has more than 24 years of industrial safety and security experience for the private industry. He earned an Emergency Medical Technician certification for the State of SC in 1980. He was certified as a Rescue Diver and a Master Diver with PADI in 1993. He is a NASE Instructor (2001) and holds a Hazardous Material Technician Certification from Georgia Technical College (1991). Mr. Cercopely owns *Nine Eleven Emergency Response Training Solutions*, which offers training in Confined Space, Entry and Rescue, First Aid & CPR, Hazardous Material, Operations Response and Fire Fighting.

**John Chalfin,
DMT Instructor**

Mr. Chalfin is a Vietnam veteran having served in the U.S Navy. He holds a degree in Electrical Engineering from Terra Technical College (1989), and a Bachelor's Degree in General Studies from the University of Indiana with a concentration in Industrial Management (1989). Mr. Chalfin is President and CEO of *Hartland Diving LLC*, which does

work in power plants and industrial sites. He also holds a membership in The Undersea and Hyperbaric Medical Society and he is a board registered Hyperbaric Medical Technician (2000) and Clinical Hyperbaric Technician (2004). He became an Emergency Medical Technician (EMT) and a Public Safety Dive (PSD) Instructor in 2000 and he became a DMT Instructor in 2003.

**Carl Whitaker,
Rigging/Crane Instructor**

Carl has been diving over 25 years and became a certified NASE Master Instructor in 2000. He has more than twenty years of experience in diesel and hydraulic engines. Mr. Whitaker earned instructor certifications for mobile Cranes, Forklifts (1998), and Rigging (2000) from the Crane Institute of America.

**C. Russell (Rusty) Whiting, Jr.
Public Safety Diver Instructor**

Rusty Whiting is the owner of Whiting and Associates Dive Consulting in Georgia and has been diving over 35 years. He is a Regional Training Director for NASE Worldwide and the National Director for NASE Worldwide Pro Staff. Rusty has lived in Taiwan, The Philippines, Hawaii, and throughout the United States. In 1980, Rusty instructed the First Public Safety Dive Team for Georgia, consisting of Georgia State Trooper's for the Civil Defense. He has instructed Law enforcement officers and fire/rescue personnel in north Florida, Georgia, and Alabama for the last 25years as public safety divers. Rusty is the lead diver for the Butts County Sheriff's Dive team in Georgia and works closely with many agencies throughout Georgia and the surrounding states. He has instructed sport diving for 27 years, making dives from Block Island, RI down the East Coast through the keys and the Gulf of Mexico. He is now serving as the Public Safety Dive Instructor for the International Diving Institute.

ACRONYM KEY

ACDE	Association of Commercial Diving Educators
ADC/ADCI	Association of Diving Contractors International
ANSI	American National Standards Institute
AOT	Advanced Occupational Technology
AWS	American Welding Society
BA	Bachelor of Arts
BS	Bachelor of Science
CEO	Chief Executive Officer
CP	Corrosion Potential
CPR	Cardio Pulmonary Resuscitation
CWE	Certified Welding Educator
CWI	Certified Welding Inspector
DO	Doctor of Osteopathics
DMT	Diver Medical Technician
EMS	Emergency Medical Services
EMT	Emergency Medical Technician
EOD	Explosive Ordnance Disposal
FACEP	Fellow of the American College of Emergency Physicians
HAZ-MAT	Hazardous Materials
HSE	Health and Safety Executive
IDI	International Diving Institute
IMCA	International Marine Contractors Association
KBM-Tec	Kirby Morgan Technician
MHRD	Masters in Human Resource Development
MPI	Magnetic Particle Inspection
MS	Master of Science
MUSC	Medical University of South Carolina
NAS	Nautical Archaeology Society
NASE	National Association of Scuba Educators
NAUI	National Association of Underwater Instructors
NDT	Non-Destructive Testing
NOAA	National Oceanic and Atmospheric Administration
OUPV	Operator of Uninspected Passenger Vessels
OSHA	Occupational Safety and Health Administration
PADI	Professional Association of Diving Instructors
PSD	Public Safety Diver
SC AHEC	South Carolina Area Health and Education Consortium

SCIAA	South Carolina Institute of Archaeology & Anthropology
SCUBA	Self Contained Underwater Breathing Apparatus
SSI	Scuba Schools International
UHMS	Undersea and Hyperbaric Medical Society
US	United States
USRF	Undersea Research Foundation
UW	Underwater
WASI	Worldwide Association of Scuba Instructors