

**PHIN 2120-55A Open Water Scuba**  
(MW 6:00-10:00; Classroom: CB1 1.106 & Natatorium)  
**Syllabus; Summer 2019**

<b><u>Date</u></b>	<b><u>Location\Subject</u></b>	<b><u>Area of Study</u></b>
<b>May 29</b>	<b>Classroom – Overview Lecture Modules 1 &amp; 2</b>	Paperwork, Overview and Module 1 & 2. Buoyancy, Pressure, Equipment. Heat Loss, Respiration, Overexertion, Equipment, Hand Signals, Dive Planning Environmental Conditions, Site Orientation, Problem Management, Diver Stress and Quiz 1 -2.
<b>June 3</b>	<b>Classroom Module 3 – 5</b>	Breathing at Depth, Air & Nitrox, Decompression Sickness, Dive tables, Flying after diving, Dive Computers and Basic Compass Navigation. Quiz 3- 4.
<b>June 5</b>	<b>Pool – Module 1 &amp; 2</b>	Water Tread and Swim. Staging gear. Breathing Underwater. Regulator and Mask Removal.
<b>June 10</b>	<b>Pool – Module 2 &amp; 3</b>	Deep Water Entry, No Mask Breathing, Weighting, Removing Weights and BCD at Surface.
<b>June 12</b>	<b>Classroom – Finish Lecturing</b>	Complete Lecturing and Final Exam
<b>June 17</b>	<b>Pool – Module 2 &amp; 3</b>	Deep Water Entry, No Mask Breathing, Weighting, Removing Weights and BCD at Surface.
<b>June 19</b>	<b>Pool – Module 3 &amp; 4</b>	Fin pivot, Hover, Tired Diver Tow, Cramp Removal, Alternate Air Use, Air Depletion, and Neutral Buoyancy. Using Compasses, Remove Weights and BCD at depth, Controlled Emergency Swimming Ascent. Snorkeling.
<b>June 22 (Saturday)</b>	<b>The Scuba Ranch</b>	Open Water Weekend. Checkout Dives 1 & 2.
<b>June 23 (Sunday)</b>	<b>The Scuba Ranch</b>	Open Water Weekend. Checkout Dives 3 & 4.

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**Instructor: John Bell (214) 244-2439 John@jbdirect.net**

**Reading Materials (Purchased through Instructor - \$100)**

PADI Open water Crew Pak Product # 60300 and

PADI Diver Certification Envelope with Temporary Card. Product #10018.

**GRADING POLICY**

The range of grades (A, B, F & I) will be used as an assessment of the student's performance. **For students who do not desire a letter grade, you may elect to designate this course as a Pass/Fail course during registration or changing to that option at the first part of the semester.**

Grading will be based on the following:

- |   |                             |
|---|-----------------------------|
| 1. Final Written Exam                   | 90% of total grade          |
| 2. Attitude, Enthusiasm & Participation | 10% of total grade          |
| 3. Knowledge Reviews & Quizzes          | Required to Complete Course |
| 4. Open Water Check out Dives           | Required to Complete Course |

Since this is a short, structured course with each class building on previous classes, it will be difficult to make up any absences. Students who miss any classes will have to make them up at times when the instructor is teaching Open Water at other locations in Dallas. Transportation will be the student's responsibility. It is strongly advised not to miss any of the sessions.

Upon successful completion of the course, you will receive a Picture Certification Card issued by PADI (Professional Association of Diving Instructors).

Bring all materials to each class session. **None of the classroom materials will be needed on evenings when we will be using the pool. Punctuality is very important.**

Other people who may help during this course either during pool sessions or at the lake:

Jeff Scott – Assistant Instructor  
Scott Blackwell – Assistant Instructor  
Sarah Scott – Divemaster  
Scott Guesner - Divemaster

## EQUIPMENT

Students will need to purchase the following items:

1. Scuba Mask (Swimming Goggles do not work for Scuba Diving)
2. Snorkel
3. Fins (Either Open Heeled or Full Footed)
4. Boots (Only if using Open Heeled Fins)

Students will need to rent the following items (we'll discuss in class)

1. BCD Buoyancy Control Device
2. Regulator
3. Air Cylinder
4. Weights / Weight Belt
5. Wetsuit

**The rental costs (from Instructor) for the entire course will be \$50.**

### Other Scuba Shops

International Scuba  
2540 Marsh Lane, Ste. 128  
Carrollton, TX 75006  
972-416-8400

Scuba Toys  
1609 S. I-35 (Stemmons & Crosby)  
Carrollton, TX 75006  
972-406-2996

Scuba Frisco  
2930 Preston Rd, Ste.930  
Frisco, TX 75034  
214-227-2494

Adventure Scuba  
2301 N. Central Expy, Ste.140  
Plano, TX 75075  
972-423-3483

**Open Water Weekend**  
**June 22<sup>nd</sup> & 23<sup>rd</sup>**  
**The Scuba Ranch, Terrell, TX**  
<https://thescubaranch.com/>

Our goal is to teach you to be a knowledgeable and safe diver. Along with that, we want you to have fun throughout this learning process.

You will complete your Open Water Certification at The Scuba Ranch. Both days we will conduct 2 dives. The dives will last between 20 & 40 minutes. However, there are skills that we will conduct on the surface before and after dives.

You need to be on our dock at the Scuba Park at the assigned time so that we may finish before it gets too hot or anyone gets too much sun. Please allow enough time to get to the Park, sign-in, get to the dock, stage your gear and settle down before we hit the water. CSSP charges \$20 per day (**cash only**). A list of suggested items such as water, sun screen and hat will be given out closer to the Open Water Weekend.

You will be assigned a buddy for your dives. Most likely, you will keep the same buddy for the entire weekend. Your buddy might or might not be a friend you signed up for the course with. The water and weather conditions, will determine how large the groups will be. I will be with you for the entire first dive. For the other 3 dives, I will be present at the beginning of the dive, but after we conduct some skills, you will follow one or more of the Dive Master's or Assistance Instructors for the remainder of the dive. You will be briefed before each dive, so you will know exactly what is going to happen during each step of the process.

If you do not wish to drive back to Dallas on Saturday evening, there are motels in Terrell or you may camp at the Scuba Park for a fee.

Please note: Family & Friends should not plan on coming to the park to observe your dives. This tends to create a distraction and can create unnecessary problems. If you have family or friends that are already certified divers, they are welcome to come to the park to "fun" dive on their own, but nowhere near the dock we will be using.

## **Enriched Air (Nitrox)**

Nitrox is a gas mixture containing more oxygen than air. Air contains approximately 21% oxygen and 79% nitrogen. Nitrox substitutes some of the nitrogen with oxygen. Typically, the Nitrox mixture will be either 32% or 36% oxygen.

The benefits of Nitrox is increased no decompression limits and less diver fatigue after dives. I will talk more about Nitrox during the course.

The Nitrox course will require one classroom session lasting 2-3 hours.

Cost for the Nitrox Course including C-Card will be \$100.

If you would like to become a certified Nitrox diver in conjunction with this course, Please let me know.