San José State University
Kinesiology Dept.
Scuba Diving Kin 106 01-02, Spring 2017

Instructor: Frank Barry
Office Location: By appointment
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Email: Frank.Barry85@gmail.com or frank.barry@sjsu.edu
Office Hours: By appointment
Class Days/Time: Tues 6-8:30PM – lecture/pool combo
Classroom: SPX Room 163 classroom/ 180 Pool

Prerequisites:

A. Medical History
   1. All students must complete a self-disclosure medical history form and obtain an appropriate medical release to dive
   2. The medical release to dive must be on file with the instructor prior to any open water scuba activities. It is important to get this taken care of prior to the drop date.

B. Release of Liability, Waiver of Claims, Express Assumption of Risk and Indemnity Agreement

C. Basic Water Skills
   To be eligible to participate in this course, all students must demonstrate competency in the following swimming skills:
   1. Swim 400 yards (any stroke) in less than 12 minutes without stopping and without swimming aids
   2. Without the use of swim aids or touching the sides of the pool, tread water in the deep end of the pool for 10 minutes continuously.
   3. Swim 25 yards underwater without surfacing and without swim aids
   4. 50 yard transport of another swimmer without swimming aids
Course Description
This course is an advanced scuba course designed for the individual who is currently a certified scuba diver. It is designed to provide a survey of advanced knowledge and skills with an emphasis on scuba rescue and related skills and knowledge areas.

Course Goals and Student Learning Objectives
Upon successful completion of course requirements students will:
A. Demonstrate correct technique in performing scuba rescue skills.
B. Demonstrate an acceptable level of comfort while performing scuba rescue skills.
C. Demonstrate an advanced knowledge of:
   1. Dive planning, scuba rescue, and scuba activities
   2. Proper procedure for use and care of scuba equipment
   3. Proper scuba etiquette and procedures for all populations and ages
D. Demonstrate an advanced knowledge of diving with Enriched Air
E. Demonstrate proficiency in Emergency First Responder techniques.

Course Requirements
A. Successfully complete all confined water skills
B. Assigned readings from textbook and handouts
C. Written exams and quizzes
D. Active class participation is essential to fulfill the course objective
E. Recognizable and acceptable effort in class participation. This means student must actively participate in in-water activities at every pool session.
F. Complete required ocean dives and associated mandatory skills

Required Texts/Readings
ADVENTURES IN DIVING Manual, published by PADI, 79199, 06/16;
RESCUE DIVER Manual, published by PADI, 60327, 10/16;
Emergency First Response, Primary and Secondary Care, Participant Manual, published by Emergency First Response Corp. Rancho Santa Margarita, CA, 08/16, version 1.01 OR proof of current First Aid/CPR certification

Instructor will explain options for purchasing texts and gear requirements.

Classroom Protocol
Each session is a combination of lecture and in-pool instruction. Lectures begin promptly at 6:00PM, and students are responsible for being prepared according to the assignments on the syllabus. At approximately 7:00PM, we will move to the pool for water skill instruction, where students are responsible for providing any required gear as outlined by the instructor, and for active participation. The timing will be flexible, and
depends on the material being covered. If students miss a night of class, both a lecture and a pool session are missed, or two instruction sessions – see make up policy below.

There are mandatory ocean activities required in this course. Please see syllabus for scheduled dates.

If a student is present for the instruction, and requires additional assistance with a particular skill, it is the student’s responsibility to request assistance. However, if the deficiency is the result of missed class time, see make up policy below.

No cell phone use is allowed during class.

Make up Policy
A. There will be no make ups for missed quizzes, tests, pool skill evaluations, or ocean dives except for documented, serious and compelling reasons. It is the student’s responsibility to contact the instructor should such a situation arise. Student is also responsible for all the material covered during any missed lectures and any pool skills taught during missed pool sessions.

B. It may be possible to make up missed water sessions by attending another scuba class taught by the instructor. Ocean dives are difficult to make up, and may result in additional costs to the student. Make-ups will only be allowed/administered when serious and compelling reasons exist. If you miss a session and need to make it up, please discuss the situation with the instructor.

Assignments and Grading Policy
Course Content
A. Motor (Physical) Component - 65% of grade
   1. Proper equipment handling skills
   2. Proper kicking and snorkeling techniques
   3. Proper scuba techniques in various specialty dive situations
   4. Proper rescue techniques
   5. Proper Emergency First Responder techniques

B. Cognitive (Knowledge) Component – 35% of grade
   1. Diving equipment
   2. Diving sciences and marine environment
   3. Scuba rescue
   4. Dive planning
   5. Diving with Enriched Air
   6. Emergency First Responder procedures

Method of Evaluation
A. Pool skills evaluation – quizzes 10%
B. Knowledge reviews and quizzes 10%
C. Final Written Exam 25%
D. Pool skills evaluation – Final 25%
E. Ocean Dives and skill evaluation 30%
Assignment of Final Course Grade

<table>
<thead>
<tr>
<th>Grade</th>
<th>Percentage</th>
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<tbody>
<tr>
<td>A+</td>
<td>98-100%</td>
</tr>
<tr>
<td>B+</td>
<td>88-89%</td>
</tr>
<tr>
<td>C+</td>
<td>78-79%</td>
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<tr>
<td>D+</td>
<td>68-69%</td>
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<tr>
<td>F</td>
<td>59% and below</td>
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<thead>
<tr>
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<tbody>
<tr>
<td>A</td>
<td>92-97%</td>
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<tr>
<td>B</td>
<td>82-87%</td>
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<tr>
<td>C</td>
<td>72-77%</td>
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<tr>
<td>D</td>
<td>62-67%</td>
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<tr>
<td>F</td>
<td>59% and below</td>
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<tbody>
<tr>
<td>A</td>
<td>90-91%</td>
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<tr>
<td>B-</td>
<td>80-81%</td>
</tr>
<tr>
<td>C-</td>
<td>70-71%</td>
</tr>
<tr>
<td>D-</td>
<td>60-61%</td>
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University Policies

“University Policies: Office of Graduate and Undergraduate Programs maintains university-wide policy information relevant to all courses, such as academic integrity, accommodations, etc.”

You may find all syllabus related University Policies and resources information listed on GUP’s Syllabus Information web page at http://www.sjsu.edu/gup/syllabusinfo/
**Scuba Diving KIN 106, 01-02 Course Schedule**

*Schedule is subject to change with fair notice and notices will be announced at the beginning of lecture sessions.*

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<thead>
<tr>
<th>Week</th>
<th>Lecture</th>
<th>Pool Activity</th>
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<tbody>
<tr>
<td>1 – Jan 31</td>
<td>Orientation</td>
<td>No pool - Orientation</td>
</tr>
<tr>
<td>2 – Feb 7</td>
<td>Lecture/scuba review/tune up</td>
<td>Skill evaluation skin/scuba</td>
</tr>
<tr>
<td>3 – Feb 14</td>
<td>Knowledge review Navigation, Night Diving, Peak Performance Buoyancy</td>
<td>Pool practice</td>
</tr>
<tr>
<td>4 – Feb 21</td>
<td>Knowledge Review Deep Diving, U/W Naturalist</td>
<td>Pool practice/prepare for ocean dives</td>
</tr>
<tr>
<td>5 – Feb 28</td>
<td>Nitrox/Enriched Air</td>
<td>Pool practice/conditioning</td>
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<tr>
<td>6 – Mar 7</td>
<td>Nitrox/Enriched Air/ Begin EFR</td>
<td>Pool practice/conditioning</td>
</tr>
<tr>
<td>7 – Mar 14</td>
<td>EFR</td>
<td>Pool practice/conditioning</td>
</tr>
<tr>
<td>8 – Mar 21</td>
<td>Complete EFR</td>
<td>Pool practice/conditioning</td>
</tr>
<tr>
<td><strong>9 – Mar 28</strong></td>
<td><strong>Spring Break – no class</strong></td>
<td><strong>Spring Break – no class</strong></td>
</tr>
<tr>
<td>10 – Apr 4</td>
<td>Begin Rescue module</td>
<td>Pool practice/conditioning</td>
</tr>
<tr>
<td>11 – Apr 11</td>
<td>Rescue Training – skin diving</td>
<td>Rescue pool training</td>
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<tr>
<td>12 – Apr 18</td>
<td>Rescue Training – scuba</td>
<td>Rescue pool training/prepare for ocean</td>
</tr>
<tr>
<td>13 – Apr 25</td>
<td>Review for final</td>
<td>Pool practice/conditioning</td>
</tr>
<tr>
<td>14 – May 2</td>
<td><strong>Written Final</strong></td>
<td>Review</td>
</tr>
<tr>
<td>15 – May 9</td>
<td>(no lecture – all pool)</td>
<td><strong>Pool Skills Final</strong></td>
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**Ocean Training Dates:**

**Advanced Openwater training - mandatory:**
March 4 & 5 (Sat & Sun) Timing to be determined – both days required
Complete PADI Adv OW requirements – 5 dives

**Rescue Diving - mandatory**
Apr 22 & 23 (Sat & Sun) – 7:30AM – noon (both days)

*Ocean dives are mandatory – instructor will discuss equipment and certification options during the course.*