San José State University  
Kinesiology Dept.  
Scuba Diving Kin 106 01-02, Spring 2019

Instructor: Frank Barry  
Office Location: By appointment  
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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, 05/17;
- RESCUE DIVER Manual, published by PADI, 60327, 10/16;
- ENRICHED AIR DIVING Manual, published by PADI, 70153, 02/17;
- Emergency First Response, Primary and Secondary Care, Participant Manual, published by Emergency First Response Corp. Rancho Santa Margarita, CA, 07/17, version 1.02 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

A+ 98-100%   B+ 88-89%   C+ 78-79%   D+ 68-69%   F 59% and below
A  92-97%    B  82-87%    C  72-77%    D  62-67%
A- 90-91%   B-  80-81%   C-  70-71%   D-  60-61%

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.*

<table>
<thead>
<tr>
<th>Week</th>
<th>Lecture</th>
<th>Pool Activity</th>
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<tbody>
<tr>
<td>1 – Jan 29</td>
<td>Orientation</td>
<td>No pool - Orientation</td>
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<tr>
<td>2 – Feb 5</td>
<td>Lecture/scuba review/tune up</td>
<td>Skill evaluation skin/scuba</td>
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<tr>
<td>3 – Feb 12</td>
<td>Knowledge reviews: Fish ID, Boat Diving, Deep Diving, Computer Diving</td>
<td>Pool practice/conditioning</td>
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<tr>
<td>5 – Feb 26</td>
<td>Nitrox/Enriched Air</td>
<td>Prepare for ocean dives</td>
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<tr>
<td>6 – Mar 5</td>
<td>Nitrox/Enriched Air/ Begin EFR</td>
<td>Pool practice/conditioning</td>
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<tr>
<td>7 – Mar 12</td>
<td>EFR</td>
<td>Pool practice/conditioning</td>
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<tr>
<td>8 – Mar 19</td>
<td>Complete EFR/Begin Rescue</td>
<td>Pool practice/conditioning</td>
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<tr>
<td>9 – Mar 26</td>
<td>Rescue Training – skin diving</td>
<td>Pool practice/conditioning</td>
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<tr>
<td>10 – Apr 2</td>
<td>Spring Break – no class</td>
<td>Spring Break – no class</td>
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<tr>
<td>11- Apr 9</td>
<td>Rescue Training – scuba</td>
<td>Rescue pool training/prepare for ocean</td>
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<td>12 – Apr 16</td>
<td>Review for final</td>
<td>Pool practice/conditioning</td>
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<tr>
<td>13 – Apr 23</td>
<td>Review for final</td>
<td>Pool practice/conditioning</td>
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<tr>
<td>14 – Apr 30</td>
<td>Written Final</td>
<td>Review</td>
</tr>
<tr>
<td>15 – May 7</td>
<td>(no lecture – all pool)</td>
<td>Pool Skills Final</td>
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<tr>
<td>16 – See SJSU schedule</td>
<td>Final exam testing</td>
<td>Reflection Assignment</td>
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**Ocean Training Dates:**

**Advanced Openwater training - mandatory:**
March 9 & 10 (Sat & Sun) Timing to be determined – both days required
Complete PADI Adv OW requirements – 5 dives

**Rescue Diving - mandatory**
Apr 13 & 14 (Sat & Sun) – 7:30AM – noon (both days)

*Ocean dives (all four days) are mandatory and required for 3 units of credit – instructor will discuss equipment and certification options during the course.*