Division of Marine Science & Technology
Lockwood School of Diving and Underwater Technology
Course Syllabus

COURSE TITLE: Basic SCUBA

COURSE NUMBER: PEN 1136C

PREREQUISITES: Ability to swim 200 yards unassisted and tread water for 10 minutes

CREDIT HOURS: 2.0

CONTACT HOURS: 45 (Lecture & lab)

CLASS MEETING TIMES:
- Wednesday 9:00 – 1:00pm in P202A
- Wednesday 1:00 – 5:00pm see course calendar for specific dates and times

CLASS METHOD:
Traditional classroom course (class meets in person)

INSTRUCTOR:
Lana Sielski
Email: Lana.Sielski@fkcc.edu
Office: M-308
Phone: 305-809-3214

OFFICE HOURS:
Monday 2:00 – 6:00pm, Tuesday 2:00 – 5:00pm and Thursday 2:00 – 5:00pm or by appointment.

COURSE DESCRIPTION:
This course is not ordinarily counted in the Associates of Arts degree. This is an extensive course for training persons in open water recreational diving. Students will be expected to supply their own snorkeling equipment. Satisfactory completion of this course leads to an internationally recognized scuba certification. Students must demonstrate satisfactory swimming ability, physical stamina and emotional stability to instructor at the first lab. Medical certificate may be required.
COURSE OBJECTIVES

Upon completion of the course, the student will be able to demonstrate knowledge—by successfully answering questions on an objective examination—of the following topics:

1. The relationship between changing depths, pressure and volume and how it affects divers physiologically, mentally and physically.
2. Demonstrate the skills necessary to plan and execute a dive with a buddy safely including the use of the recreational dive planner, discussion of lost buddy procedures, out of air / low on air emergencies, hand signals and a pre-dive safety check.
3. Identify the potential problems and hazards associated with scuba diving and demonstrate techniques to minimize occurrence or assist another diver.
4. Describe types, features, parts and maintenance requirements for various types of scuba equipment.
5. Describe the underwater environment and how to plan dives according to water movement, visibility, temperature, aquatic bottom compositions and aquatic life.

REQUIRED TEXTBOOK

- PADI Open Water Diver Crew Pack (includes Open Water Manual, student profile folder, diver’s log book, dive table, and instructional booklet.)
- eRDPmL with instructional booklet

REQUIRED MATERIALS

- Snorkeling equipment (Mask, fins and snorkel)
- Knife or cutting device
- Underwater watch or dive computer
- Visual and audible signaling devices
- Small underwater slate with a pencil

PROPOSED COURSE SCHEDULE

Please note: The course schedule is subject to change to meet the needs of the course and its students. If you miss a class or lab, it is YOUR responsibility to stay current and/or make up any missed activities (which may involve extra cost).

<table>
<thead>
<tr>
<th>Date</th>
<th>Lecture Topics</th>
<th>Homework</th>
<th>Student Assessment</th>
</tr>
</thead>
<tbody>
<tr>
<td>May 14</td>
<td>Introductions and paperwork</td>
<td>Read Chapters 1&amp;2 and complete the Knowledge Reviews.</td>
<td>Class Participation</td>
</tr>
<tr>
<td>May 14</td>
<td>Chapter 1 Video</td>
<td></td>
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<tr>
<td>May 14</td>
<td>Chapter 2 Video</td>
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<tr>
<td>May 21</td>
<td>LAB 1 - Watermanship evaluation, skin diving skills &amp; confined water 1</td>
<td>POOL</td>
<td>Diving Performance</td>
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<tr>
<td>May 21</td>
<td>Chapter 1 Discussion</td>
<td></td>
<td></td>
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<tr>
<td>May 21</td>
<td>Chapter 2 Discussion</td>
<td></td>
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<tr>
<td>May 21</td>
<td>Chapter 3 Video</td>
<td>Read Chapter 3&amp;4 and complete the Knowledge Reviews.</td>
<td>Class Participation Turn in Knowledge Review 1 &amp; 2 QUIZ #1 QUIZ #2</td>
</tr>
<tr>
<td>May 21</td>
<td>LAB 2 – Confined Water 2 &amp; 3</td>
<td>POOL</td>
<td>Diving Performance</td>
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</tbody>
</table>
May 28 | Chapter 3 Discussion  
Dive Tables and eRDPmL  
Chapter 4 Video and Discussion  
Dive Table Worksheet  
Read Chapter 5 and complete the Knowledge Review.  
ERDPmL Worksheet  
Class Participation  
Turn in KR 3 & 4  
**QUIZ #3**

May 28 | LAB 3 – Confined water 4& 5  
POOL  
Diving Performance

June 4 | Chapter 5 Video  
Chapter 5 discussion  
Review for Midterm  
Review Knowledge Reviews 1-5  
**QUIZ #4**  
**QUIZ #5**

June 4 | LAB 4 – Lagoon OW Dives 1 & 2  
LAGOON  
Diving Performance

June 11 | MIDTERM  
Review Midterm  
Dive Planning  
**MIDTERM**

June 11 | LAB 5 – Lagoon OW Dives 3 & 4  
LAGOON  
Diving Performance

June 18 | FINAL  
Review Final Paperwork  
Dive Planning  
**FINAL**

June 18 | LAB 6 – BOAT TRIP 12:00 - 6:00)  
Diving Performance

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**STUDENT EVALUATION AND COURSE POLICIES**

<table>
<thead>
<tr>
<th><strong>STUDENT GRADE DETERMINATION</strong></th>
<th><strong>FKCC GRADING SCALE</strong></th>
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</thead>
<tbody>
<tr>
<td>25% Quizzes</td>
<td>90-100% A</td>
</tr>
<tr>
<td>10% Midterm</td>
<td>80-89% B</td>
</tr>
<tr>
<td>15% Comprehensive Final Exam</td>
<td>70-79% C</td>
</tr>
<tr>
<td>15% Confined Water Training</td>
<td>60-69% D</td>
</tr>
<tr>
<td>25% Open Water Performance (Skills / safety)</td>
<td>Below 60% F</td>
</tr>
<tr>
<td>10% Classroom Participation</td>
<td></td>
</tr>
<tr>
<td>100% FINAL GRADE</td>
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**Exam and Quiz Policy**

- Each exam will take up one whole class meeting. All exams will be closed book/notes. The use of electronic devices is strictly prohibited during exams. A calculator may be used.
- Makeup exams *may be* offered to students with emergencies, but only if they can provide acceptable documentation of the emergency (e.g., hospital admit slip, etc.).
- Quizzes will be given during the last 20 minutes of class, use of electronic devices is prohibited.
- For certification students need a grade of 75% or higher. If students score below a 75% they are allowed to make up the quiz or exam. The first attempt of a quiz or exam will be used to calculate the student’s grade.
- The final exam cannot be made up for any reason.

**Reading Assignments and Homework**

- To succeed in this course, you should do all assigned textbook readings prior to class and review class notes and knowledge reviews regularly.
- Late homework is not accepted. Students who must miss class on a due date can email the assignment by the start of class for full credit.
**Participation and Attendance**

- Students earn points for each class they attend and participate in. Arriving late, leaving early, and cell phone, as well as any other disruption of class will result in loss of points.
- Unexcused absences will result in a loss of participation points; excused absences (i.e., those with acceptable documentation of an emergency) will not result in point loss.
- Please note that the instructor may withdraw a student from a course for excessive absences (see FKCC Policies below). For our purposes, “excessive absences” is defined as 3 or more unexcused absences.
- Regardless of excused absences, all diving performance requirements and written exams must be successfully completed to meet requirements for certification.

**Lab Make-Up Policy**

Due to the unique and critical nature of laboratory make-up requirements associated with scuba diving courses the following make-up policy is currently in effect:

- The instructor will determine, consistent with the course syllabus, the need for any lab make-up and also will establish the deadline for that make up.
- The instructor will schedule the specific time for each make-up consistent with staff / student availability.
- Student cost for each make-up is $20.00 per hour for a minimum of 2 hours per student, payable in advance directly to the Dive Facility Manager.

**Certification Information**

A grade is separate from a diving certification. Fees paid to FKCC guarantee access to training. These fees do not guarantee certification. Certification is given through separate certifying organizations with their own separate requirements (which this course provides the opportunity of meeting) and their own separate processing fees. At the end of the course, when all requirements have been met, each student will need to pay a $25.00 certification processing fee directly to the Dive Facility Manager in order for the instructor to process the desired certification.

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Students are expected to familiarize themselves with FKCC Policies, which can be found in the current Student Handbook at [http://www.fkcc.edu/stuhand1112/index.html](http://www.fkcc.edu/stuhand1112/index.html).