I. Course Information
COURSE TITLE: Aquatic First Aid/CPR/O2
COURSE NUMBER: EMS 1344
PREREQUISITES: None
CREDIT HOURS: 1.0
CONTACT HOURS: 15 contact hours (15 lecture and other supervised activities)

II. Course Method
TRADITIONAL: This course meets in person in Public Safety P-218 on Saturday and Sunday from 08:00am-4:45pm (August 27–28).

III. Instructor
Tracy Brenner
tracy.brenner@fkcc.edu
Office Hours: 07:00am to 08:00am Saturday in P-218, or by appointment.

IV. Description
This course is not ordinarily counted in the Associate in Arts degree. Instructs individuals in recognition of signs and symptoms for accidents and injuries in the aquatic/workplace environment and how to apply appropriate first aid practices, implementation of CPR, and the application of oxygen in the management of accidents and injuries.

V. College-level Competencies
Florida Keys Community College graduates who complete the core curriculum possess the knowledge, skills and values associated with college-educated individuals. Our graduates demonstrate mastery of competencies integrated within the academic disciplines, such as the ability to effectively communicate, seek creative solutions to problems, exhibit cultural awareness, and command basic technological skills.

1. Communication: Comprehend and articulate effectively – written and oral communication
2. Critical thinking: Demonstrate mastery of problem-solving skills in the discipline
3. Diversity: Interpret and evaluate societal and ethical issues, problems and values
4. Technology: Utilize technology effectively
VI. Course Objectives

Upon completion of the course, the student will be able to:

a. Recognize safe and unsafe conditions in the Aquatic and workplace environment.

b. Perform a Scene safety assessment. Demonstrate 1 rescuer CPR on a non-breathing person. Demonstrate placing an unconscious patient in the recovery position, providing assistance to a choking adult, providing care for external bleeding, providing care for shock.

c. Recognize, understand, and use proper protective measures for blood borne pathogens.

d. Demonstrate how to perform injury and illness assessments, splinting the dislocated limb, securing the wound and bandage using correct techniques and moving a patient.

e. Identify the four types of hazardous marine life injuries. Name at least five venomous marine animals. List five common warning signs of an envenomation. Describe the appropriate first aid procedure for managing a venomous marine animal injury. Name at least three aquatic animals that may bite a diver. List two common warning signs of marine animal bite. Describe the appropriate first aid procedure for managing a bite from a marine animal. Name at least three marine animals that may cause irritations to the diver.

f. Identify two common types of seafood poisonings. Name at least three types of fish that can cause seafood poisoning. List three common warning signs of seafood poisoning. State the reason why evaluation by a medical professional is necessary when seafood poisoning is suspected. Describe the appropriate first aid procedures for managing suspected seafood poisoning.

g. Recognize the warning signs of sudden cardiac arrest. Provide Basic Life Support while setting up the automated external defibrillator. Provide basic life support with an AED. Care for and maintain an AED.

h. Demonstrate skill and confidence while providing emergency oxygen to simulated injured divers by assessing the scene and oxygen provider safety, deploying and operating the DAN Oxygen Unit and selecting and preparing the appropriate oxygen mask.

i. Demonstrate how to assemble and prepare the Manually Triggered Ventilator (MTV) and Bag Valve Mask (BVM). State the benefits of using the Manually Triggered Ventilator (MTV) and Bag Valve Mask (BVM) for a non-breathing diver. Demonstrate how to provide Oxygen First Aid with the MTV resuscitator on a breathing and non-breathing diver. Demonstrate how to provide Oxygen First Aid with the Bag Valve Mask to a non-breathing diver.

VII. Course Calendar

The Course Calendar provides the lecture schedule, assigned reading and student assessments that comprise this course on a weekly basis. Pay close attention to the “Student Assessment” column, as it lists all exams and graded assignments with due dates: missing a class does not exempt you from assignments or exams.
See the course policies below for more information. *This course schedule is subject to change to meet the needs of the course and its students. If you miss a class, it is your responsibility to contact me to find out what you missed.*

<table>
<thead>
<tr>
<th>Week</th>
<th>Date</th>
<th>Lecture Topics/Lab Skills</th>
<th>Assigned Readings</th>
<th>Major Objectives</th>
<th>Student Assessment</th>
<th>College Wide Competency</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Aug 27</td>
<td>Introduction, Principles of cardio pulmonary resuscitation (CPR) and First Aid. (5 hours)</td>
<td>BLS &amp; CPR Manual</td>
<td>a, b, c, d</td>
<td>Class Participation</td>
<td>2</td>
</tr>
<tr>
<td>1</td>
<td>Aug 27</td>
<td>Automated External Defibrillators (AEDS) (2 hours)</td>
<td>AEDS DEMP Manual</td>
<td>g</td>
<td>Test on AEDS</td>
<td>1, 2 &amp; 4</td>
</tr>
<tr>
<td>1</td>
<td>Aug 27</td>
<td>Accident Scenarios (1 Hour) (May be Moved to Day 2)</td>
<td></td>
<td>a, b, c, d &amp; g</td>
<td>Class Participation</td>
<td>1 &amp; 2</td>
</tr>
<tr>
<td>1</td>
<td>Aug 28</td>
<td>Oxygen First Aid (4 hours)</td>
<td>O2 DEMP Manual</td>
<td>h</td>
<td>Test on O2 Provider</td>
<td>1, 2 &amp; 4</td>
</tr>
<tr>
<td>1</td>
<td>Aug 28</td>
<td>Advanced Oxygen First Aid (2 hours)</td>
<td>Adv O2 DEMP Manual</td>
<td>i</td>
<td>Test on Adv O2 Provider</td>
<td>1 &amp; 2</td>
</tr>
<tr>
<td>1</td>
<td>Aug 28</td>
<td>First Aid for Hazardous Marine Life Injuries (2 Hours)</td>
<td>HMLI DEMP Manual</td>
<td>e, f</td>
<td>Test on HMLI</td>
<td>1 &amp; 2</td>
</tr>
</tbody>
</table>

**VIII. Materials**

**REQUIRED TEXTBOOKS**
*Basic Life Support and First Aid, DAN*
*Diving Emergency Management Provider (DEMP), DAN*

**REQUIRED MATERIALS**
*Pocket Mask (Part of PADI Rescue Pack or Purchased at Bookstore)*

**IX. Grading Scale**

<table>
<thead>
<tr>
<th>Grade</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>90 - 100%</td>
</tr>
<tr>
<td>B</td>
<td>80 - 90%</td>
</tr>
<tr>
<td>C</td>
<td>70 - 80%</td>
</tr>
<tr>
<td>D</td>
<td>60 - 70%</td>
</tr>
<tr>
<td>F</td>
<td>Below 60%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Percentage</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>25%</td>
<td>Class Participation</td>
</tr>
<tr>
<td>25%</td>
<td>First Aid &amp; AED Test</td>
</tr>
<tr>
<td>25%</td>
<td>O2 &amp; Advanced O2 Test</td>
</tr>
<tr>
<td>25%</td>
<td>Test Covering HMLI</td>
</tr>
<tr>
<td>100%</td>
<td>Final Grade</td>
</tr>
</tbody>
</table>
X. Class Policies

E-mail Communication: All class e-mail communications should be conducted using your FKCC student email address. The prime responsibility for timely communications rests with you - the student.

Important Note: If I have not responded to your email or voicemail message by the end of the day after you left the message, you should assume that I did not receive it and leave another message.

Late Work

Any assignment or labs not completed by the date and time specified in the Course Calendar is considered late, unless you have contacted me and I have approved an extension in advance.

1. The above policy does not apply to the final exam or any other assignment or exercise that may due during the Final Exam period. No assignments due during the last week of classes will be accepted late to allow me to submit the course grades to the college on time.

2. If you are out of contact and miss a deadline due to an extenuating circumstance, I expect you to contact me as soon as possible to discuss the situation. No exceptions will be made to the above policies unless you can provide documentation of the situation that I consider adequate.

Class Participation

Class participation is defined as actively participating in classroom activities and discussions. In order to receive credit for class participation, students must be present in class.

Withdrawal Policy

1. Students may withdraw without academic penalty from any course by the established deadline published in the College’s calendar. This will result in a grade of 'W' for the course and will not count against the student's GPA.

2. Students will be permitted a maximum of two withdrawals per course. Upon the third attempt, the student WILL NOT be permitted to withdraw in accordance with State of Florida regulations and will receive an earned grade for that course.

3. It is the responsibility of the student wishing to withdraw from the course to do so by the date published in the College Academic Calendar.

4. Students who abandon the course or do not withdraw themselves by the published deadline are subject to receiving a grade of F.

5. An instructor may withdraw a student from courses for excessive absences and/or non-attendance up to the 70% point in the semester.

Exams and Quizzes

1. I recommend the following general process for studying each chapter:
   a. Read each chapter as to get an idea of its contents.
   b. Complete the knowledge review in the DAN book and turn in to the instructor.

2. All quizzes are closed book. Calculators may be used.

3. All quizzes will have a time limit. Question types may be a combination of multiple choice, matching, true/false.
Extra Credit Work

In general, I do not permit students to complete extra credit assignments to improve their grade.

How Much Study Time You Should Expect To Devote To This Course

1. You will need to attend each class and complete the knowledge reviews or assignments at home.
2. This class covers a lot of material and there are some concepts that may be difficult to grasp. Ask any questions at the end of the presentation and practice.

Academic Honesty & Plagiarism

1. Students are expected to respect and uphold the standards of honesty in submitting written work to instructors. Though occurring in many forms, plagiarism in essence involves the presentation of another person’s work as if it were the work of the presenter. Any cheating or plagiarism will result in disciplinary action to be determined by the instructor based on the severity and nature of the offense. It is the student’s responsibility to review the College’s policy on Academic Honesty.

2. Collaboration and discussion is encouraged in all course aspects other than actually completing the assigned work (quizzes, exams, homework, projects, etc). Indeed, collaboration often leads to increased understanding of the material being covered. If you have questions about an assignment, I encourage you to speak up and ask questions about it.

3. Plagiarism is a form of fraud and will not be tolerated. You are expected to do your own work. Copying text or images from any source and claiming it as your own is considered plagiarism. Submitting copied text as most or all of your answer on a homework or project is also a form of dishonesty, even if you cite the source. I want to read YOUR words, not someone else’s words. Using quoted text to support your answer will not usually be necessary in this class.

4. If I catch you in any form of academic dishonesty, you will receive a grade of zero for that assignment. If I catch you a second time, you will earn a failing grade for this class and be reported to the College.

Attendance Policy

1. I will monitor student attendance and participation in class. Attendance is mandatory.

2. An instructor may withdraw a student from courses for excessive absences and/or non-attendance up to the 70% point in the semester.

Delays in Getting the Textbook

Having regular access to the textbook is a requirement for this class. Whenever possible students should have the text in hand before the first day of class each semester, they are available at the campus bookstore. There may be times that students are unable to get the text until after the class begins. If you are in this situation, please let me know.

Sources of Technical Assistance

This paragraph does not apply to this class but read it anyway. If you are having any technical difficulties (e.g., logging in, accessing the discussion board, etc.) please contact the Office of Distance Learning helpline at 305-809-3177 Monday—Friday 8:00AM to 4:00PM or email your question to FKCC.helpdesk@online.fkcc.edu.
Special Needs

If you have any special needs or requirements pertaining to this course, please discuss them with the instructor early in the term. If you have special needs as addressed by the Americans with Disabilities Act (ADA) and need assistance, please notify the Office for Students with Disabilities at 305-809-3292 via email at: karla.malsheimer@fkcc.edu or the course instructor immediately. Reasonable efforts will be made to accommodate your special needs.

Community Decorum

A positive learning experience depends upon respect among all members of this classroom community. Disregard or disrespect for the process, the group or toward any individual will result in removal from the class and may result in you being dropped from the course. Respectful discourse in discussion and email areas is expected and anonymous posting will not be tolerated.

Sexual Predators

Federal and State law requires a person designated as a “sexual predator or offender” to register with the Florida Department of Law Enforcement (FDLE). The FDLE then is required to notify the local law enforcement agency where the registrant resides, attends or is employed by an institution of higher learning. Information regarding sexual predators or offenders attending or employed by an institution of higher learning may be obtained from the local law enforcement agency with jurisdiction for the particular campus, by calling the FDLE hotline (1-888-FL-PREDATOR) or (1-888-357-7332), or by visiting the FDLE website at www.fdle.state.fl.us/sexual_predators. If there are questions or concerns regarding personal safety, please contact the Campus Security Officer on your campus.

Copyright Notice

The materials and content provided on this password-protected instructional website is intended only for registered Florida Keys Community College students who have paid their tuition and fees to attend this course. Materials that are affected include, but are not limited to, text, still images, audio recordings, video recordings, simulations, animations, diagrams, charts, and graphs. Every effort has been made to insure these materials are not disseminated to anyone beyond those who have legally registered for this course. Download, revision, or distribution of course material with anyone other than registered classmates and the instructor is strictly prohibited.
The Class Contract assignment is my method of ensuring you know what you should expect from me, and what I expect from you. By returning the Class Contract to me, you are acknowledging that you:

a. Understand the policies detailed in this Syllabus.

b. Understand the expectations and due dates listed in the Course Calendar and Assessment Measures.

c. Understand that you will be held accountable to the standards published in this document.

d. The Class Contract must be submitted to the instructor after reading.

By signing my name I acknowledge the above.

Print Name: ___________________________ Date: ________________

Signature: ____________________________