FLORIDA KEYS COMMUNITY COLLEGE
EMERGENCY MEDICAL SERVICES

EMERGENCY MEDICAL TECHNICIAN
EMS # 1159C

TERM II 2010

FACULTY

Henry J del Valle, BA, EMT-P
EMS PROGRAMS COORDINATOR

Sandra Schwemmer, D.O., FACOEP, FACEP
EMS PROGRAMS MEDICAL DIRECTOR

Brenda Beckmann, R.N., EMT-P
LEAD INSTRUCTOR

Revised 5/03/10
FLORIDA KEYS COMMUNITY COLLEGE

SYLLABUS

I. EMS # 1159C  EMERGENCY MEDICAL TECHNICIAN
(Prerequisites: Current DOT First Responder or FKCC approved training/certification equivalent, Current Professional Rescuer CPR, and all College prerequisite requirements.)

II. CREDIT HOURS  11 CREDIT HOURS  232 CONTACT HOURS (minimum)
LECTURE  Monday
SKILLS LAB  Thursday and specific Saturdays
CLINICAL LAB  (Times/dates will be scheduled by your Instructors)

III. PROGRAM COORDINATOR
Henry J. del Valle, BA, EMT-P
EMS Programs Coordinator
Office: Faculty Offices # C 110 (Office Hours by Appt.)
Phone: (305) 879-1369

IV. COURSE DESCRIPTION
The EMT course is designed as a one semester course, 11 credit hours in length to prepare the student for employment in their local EMS System as an EMT. In addition to regular classroom lecture and skills lab practical time, the student will be assigned to contract agencies for experience in riding with the rescue and ambulance units under supervision of State of Florida EMT's or Paramedics. The course meets and exceeds the 1994 U.S. DOT EMT-Basic National Standard Curriculum required by the Florida Department of Health, EMS Bureau, and the Florida Department of Education.

V. REQUIRED TEXT/MATERIALS
Workbook  Brady, Emergency Care, 11th edition.

VI. SPECIFIC COURSE OBJECTIVES
Upon successful completion of the program the student will be prepared and qualified to sit for the Florida EMT Certification Exam and the National Registry Certification Exam. The student will also be able to:
1.)  Describe and Demonstrate the Roles and Responsibilities of the EMT.
2.)  Conduct patient assessment for illness/injuries.
3.)  Recognize and treat airway obstruction.
4.) Recognize and treat bleeding and shock.  
5.) Recognize and treat cardiac emergencies/arrest.  
6.) Recognize and treat soft tissue injuries.  
7.) Recognize and treat musculo-skeletal injuries.  
8.) Recognize and treat injuries of the head, neck, face, eye, back, and spine.  
9.) Recognize and treat injuries of the chest, abdomen, and genitalia.  
10.) Recognize and treat medical emergencies and respond to emergency situations.  
11.) Demonstrate ability to assist with emergency childbirth.  
12.) Demonstrate appropriate care of burns.  
13.) Demonstrate knowledge of environmental emergencies.  
14.) Identify psychological aspects of emergency care including organ/tissue donor programs.  
15.) Demonstrate ability to communicate (oral and written) and use interpersonal skills.  
16.) Demonstrate care of pediatric and geriatric emergencies.  
17.) Demonstrate appropriate transportation of patients.  
18.) Demonstrate knowledge of anatomy and physiology.  
19.) Demonstrate knowledge of circulatory and respiratory systems.  
20.) Recognize fractures, dislocations and sprains.  
21.) Demonstrate knowledge of Blood Born/Air Born Pathogens (including AIDS, TB, Hepatitis and other Communicable/Infectious Diseases), Infection Control, Universal Precautions, Body Substance Isolation (BSI), and Personal Protection Equipment (PPE).  
22.) Demonstrate knowledge of hazardous materials.  
23.) Demonstrate knowledge of C.I.S.D.  
24.) Demonstrate appropriate patient handling and triage.  
25.) Demonstrate knowledge of Automated and Semi-automated External Defibrillators.  
26.) Administration of subcutaneous Epinephrine.  
27.) Administration of patient assisted Nitroglycerin.  
28.) Administration of patient assisted inhaler.  
29.) Administration of oral glucose.  
30.) Administration of activated charcoal.  
31.) Demonstrate knowledge in use of Airway Adjuncts (including EOA, EGTA, and PTL)  
32.) Water safety and rescue.  
33.) Demonstrate knowledge of health care delivery system and health occupations.  
34.) Demonstrate an understanding of and apply wellness and disease concepts.  
35.) Recognize and practice safety and security procedures.  
36.) Apply basic Math and Science skills.  
37.) Describe medical, legal, and ethical issues specific to EMT.  
38.) Perform focused and detailed history as well as physical exams.  
39.) Respond correctly to various medical, behavioral, OB and GYN emergencies.  
40.) Demonstrate initial and ongoing assessments.
41.) Manage various trauma situations.
42.) Demonstrate knowledge of emergency services operations.
43.) Completion of the following clinical requirements:
   1. A minimum of 24 hours in hospital clinical settings (Emergency/Triage, Psych, Respiratory, and Obstetrics).
   2. A minimum of 60 hours in rescue/field clinical settings (field experience).
   3. A minimum of 8 emergency ambulance calls and 4 refusals; ALL must include transported patients. A total of 7 (12 hour) shifts is required. (84 hours)

VII. COURSE METHOD
Instructional lecture, Audio-visual aids, Guest presentations, hands-on practical labs, and various clinical rotations.

VIII. METHOD OF STUDENT EVALUATION
Students will be evaluated on the following criteria according to the accompanying scale:

<table>
<thead>
<tr>
<th>EVALUATIONS</th>
<th>PERCENTAGE</th>
<th>GRADING SCALE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Module Exams</td>
<td>35%</td>
<td>100-90=A</td>
</tr>
<tr>
<td>Mid-term Exam</td>
<td>25%</td>
<td>89-80=B</td>
</tr>
<tr>
<td>Comprehensive Final</td>
<td>25%</td>
<td>79-70=C</td>
</tr>
<tr>
<td>Attendance</td>
<td>5%</td>
<td>60-70=D</td>
</tr>
<tr>
<td>Homework</td>
<td>5%</td>
<td>0-60=F</td>
</tr>
<tr>
<td>Skill Labs</td>
<td>5%</td>
<td></td>
</tr>
</tbody>
</table>

***Comprehensive Practical Final = Pass/Fail
***You must pass in order to pass the course.

Homework Assignments are to read and study the assigned chapter(s) in your textbook and then complete the corresponding workbook chapters (unless otherwise specified).

IMPORTANT:
Students must maintain an average grade of "C" (80%) or better on test scores to pass the course. Students must also obtain a score of 70% or better on the Comprehensive written final exam to pass. To register for the State or National Exam, students must complete the course with a "C" or better. There are no retakes allowed of exams. Missing exams is discouraged and make-ups will be given only for emergencies or unless arranged prior to the test date, make up exams will include additional questions requiring short answer and essay responses. It is the student's responsibility to schedule make-up exams with the EMS faculty.
IX. ATTENDANCE POLICY
Attendance is required at all classes (including lecture, labs, and clinical experiences). Students are expected to arrive in class/clinical on time and prepared. Absences must be reported to the instructor, prior to the scheduled time for the class or lab experience. Failure to report a class absence before class will result in a "0" on exams and quizzes given during this absence. Absence from a clinical must be reported properly to the clinical agency prior to clinical before 7:30 AM -- or the absence will result in a clinical incident report. Three (3) clinical tardies (including conferences) equals a clinical incident report. Two (2) clinical absences will result in being dropped from the course. One (1) clinical absence will definitely be reflected by the lowering of the course grade by one grade mark and a clinical incident report. All excused medical absences must be accompanied by a doctor's excuse.

Arranging to make-up work missed because of legitimate class absence is the responsibility of the student. More than two unexcused absences means you will be dropped from course. Absence from class for court -- imposed obligations (e.g. jury duty or subpoena) must be excused. When, in the opinion of the instructor, a student's absences become excessive, the student may be withdrawn from course.

According to the FKCC College Catalog, “Students are expected to attend all of their scheduled classes. The College reserves the right to address individual cases of non-attendance. Each instructor determines the effect of absences upon grades.” In this course, a stricter attendance policy will be enforced, as outlined by the Department of Transportation Guidelines for Emergency Medical Technician and Florida Statute 401.2701; students must attend 110 hours of instruction.

The following classes are mandatory:
1.) HIV/AIDS (4hrs.)
2.) HAZ-MAT (4hrs.)
3.) Comprehensive Practical Finals
4.) MCI
5.) Trauma Scorecards Methodologies
6.) SIDS

X. COURSE OUTLINE AND ASSIGNMENTS
The course outline will follow the objectives listed above. It is the student’s responsibility to complete and have all evaluations and run reports turned in the next lecture day following the clinical experience.

XI. SAFETY POLICY
The student must adhere to safety precautions at all times. Safety precautions will be determined by the faculty throughout the course. If the EMS faculty determines that a student is not following safety precautions the student will be told to stop immediately. In the event that a student ignores the order to stop or
continues to ignore safety precautions, the EMS faculty member will issue, the student an "absent" for the remainder of the class. The student will not be allowed to return to class/lab until they have met with the Lead Instructor and have been given permission to return to class.

XII. PAGER AND CELLULAR PHONES
During classroom and clinical hours pagers and cellular phones will either be turned off or programmed in such a way as not to be heard (i.e. set to silent or vibration mode). If a student continually disrupts classroom and clinical settings with audible devices it will be reflected in his or her professional evaluation and may be asked to leave the teaching setting.

XIII. IMPORTANT INFORMATION
Students should be aware that under Florida Statute 401 and the Florida Department of Health, Bureau of Emergency Medical Services 64J-1 rules and regulations, the FKCC Emergency Medical Services Medical Director has the final decision on the student’s pass/fail grade for all EMS courses. A copy of this law, rules and regulations are available for the students to read in room C110.

XIV. DRESS CODE
Students are expected to dress in a manner that is conducive to safety and professionalism. Tank tops, mini dresses/skirts, short shorts, tight clothing, excessively loose clothing and see through clothing are not acceptable. When doing Clinical/Ride along students must wear FKCC EMS Polo shirt with blue pants and black shoes. Shoes must be ALL black. Student ID’s MUST be worn in Clinical settings. Undergarments (underwear, bra) must be worn. Jewelry should be kept to a minimum. No large hoop earrings, excessive necklaces and bracelets are to be worn during class time. Students who fail to follow the dress code will be sent home and a mark of “absent” will be given for the class.

XV. HOSPITAL & RIDE ALONG NOTICE
To all FKCC students participating in the Emergency Medical Technician Course (EMS 1159C):

In accordance with Chapter 64J-1.020 F.A.C., an Emergency Medical Technician Student of Florida Keys Community College shall not be subject to call while participating in class, clinical or field sessions. Additionally, each student shall function under the direct supervision of an EMS preceptor and shall not be in the patient compartment alone during patient transport and shall not be used to meet staffing requirements. Any student found to be in violation of F.A.C. 64J-1.020 may be terminated from the course.