

**FLORIDA KEYS COMMUNITY COLLEGE  
EMERGENCY MEDICAL SERVICES**

**EMERGENCY MEDICAL TECHNICIAN  
EMS 1158C**

**FALL TERM 2011**

**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 8/01/11**

# **Emergency Medical Technician EMS 1159C**

## **FLORIDA KEYS COMMUNITY COLLEGE**

### **SYLLABUS**

#### **I. EMS # 1158C EMERGENCY MEDICAL TECHNICIAN**

**CREDIT HOURS** 11 CREDIT HOURS 250 CONTACT HOURS (minimum)

**LECTURE** Monday

**SKILLS LAB** Thursday and specific Saturdays

**CLINICAL LAB** (Times/dates will be scheduled by your Instructors)

**PREREQUISITES**

#### **II. COURSE METHOD**

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

#### **III. PROGRAM COORDINATOR**

Henry J. del Valle, BA, EMT-P

EMS Programs Coordinator

Office: Faculty Offices P 206 (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. 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 Calendar**

**Monday August 22, 2011: Instructors: \_\_\_\_\_**

Introduction, Processing and Orientation, Issue Student Skills Sheets

**Thursday August 25, 2011: Instructors: \_\_\_\_\_**

SIDS **MANDATORY ATTENDANCE**

Trauma Triage Methodologies **MANDATORY ATTENDANCE**

**Monday August 29, 2011: Instructors: \_\_\_\_\_**

LKMC Orientation **MANDATORY ATTENDANCE**

Chapter 1: Intro to EMS

Chapter 2: Well being of EMT

**Thursday September 1, 2011: Instructor: \_\_\_\_\_**

Chapter 3: Medical, Legal, and Ethical Issues

Chapter 4: The Human Body

Chapter 5: Lifting and Moving Patients

**Test review: Chapters 1-5**

**Monday September 5, 2011: Instructors: \_\_\_\_\_**

**TEST on Chapters 1-5**

Chapter 6: Airway Management and Airway Skills Practical Application / Obtaining Vital Signs

Practical Skills Application:

C-spine - Standing Takedown

C-Spine - Seated Pt

Scoop stretcher and KED Device Orientation

**Test Review: Chapter 6**

**Thursday September 8, 2011: Instructor: \_\_\_\_\_**

Chapter 7: Scene Size-Up

Chapter 8: Initial Assessment:

Chapter 9: Vital Signs and SAMPLE History

**TEST on Chapters 6**

**Monday September 12, 2011: Instructor: \_\_\_\_\_**

LKMC Orientation:

Chapter 10: Trauma Assessment  
Chapter 11: Medical Patient Assessment  
Practical Skills Application

**Thursday September 15, 2011: Instructor:** \_\_\_\_\_

Patient Assessment: Familiarize with Trauma & Medical Skills Sheets

**Monday September 19, 2011: Instructor:** \_\_\_\_\_

Chapter 12: Ongoing Assessment  
Chapter 13: Communications  
Chapter 14: Documentation

**Thursday September 22, 2011: Instructor:** \_\_\_\_\_

Key West Rescue – Monroe County Fire Rescue Orientation

**Begin Scheduling Ride-Time**

Communication & Documentation Practical

Practical Skills Application: Patient Assessment: Medical

**Test Review: Chapters 7-14**

**Squads 1&2: Practical Skills Application: Patient Assessment: Trauma**

**Monday September 26, 2011: Instructor:** \_\_\_\_\_

**Test Chapters 7-14**

Practical Skills Application:  
Spinal Immobilization Seated KED  
Traction Splinting  
Vacuum Splinting

**Thursday September 29, 2011: Instructor:** \_\_\_\_\_

**HIV/AIDS Mandatory Attendance**

**TRAUMA SCORECARD METHODOLOGIES MANDATORY ATTENDANCE**

**Monday October 3, 2011:**

**NO CLASS President's Day**

**Thursday October 6, 2011: Instructor:** \_\_\_\_\_

Chapter 15: General Pharmacology  
Chapter 16: Respiratory Emergencies  
Chapter 17: Cardiovascular Emergencies  
Chapter 18: Acute Abdomen

**Monday October 10, 2011: Instructor:** \_\_\_\_\_

Chapter 19: Diabetic & Altered Mental Status (AMS)  
Chapter 20: Allergic Reactions  
Chapter 21: Poisoning & Overdose  
Chapter 22: Environmental Emergencies

**Thursday October 13, 2011: Instructor:** \_\_\_\_\_

Chapter 23: Behavioral Emergencies

Chapter 24: Obstetrics & Gynecological Emergencies

Chapter 25: Putting it All Together

**Thursday October 17, 2011: Instructors:** \_\_\_\_\_

**MIDTERM Test Review: Chapters 15-25**

Patient Assessment & Practical Skills Application

Communication and Documentation Practical

**Monday October 20, 2011: Instructors:** \_\_\_\_\_

**MIDTERM TEST (Includes Chapters 15-25)**

Chapter 26: Bleeding & Shock

Chapter 27: Soft Tissue Injuries

**MIDTERM PRACTICAL: Scenario Based Lab / Trauma & Medical incorporating all appropriate skills (Squads 1 & 2)**

**Monday October 24, 2011: Instructor:** \_\_\_\_\_

Patient Care Reports: Lecture & Practical Exercises

**Thursday October 27, 2011:**

**MIDTERM PRACTICAL: Scenario Based Lab / Trauma & Medical incorporating all appropriate skills (Squads 3 & 4)**

**Monday October 31, 2011: Instructors:** \_\_\_\_\_

Rescue Operations / MCI Orientation-Trauma Lab

Practical Skills Application: Airway Lab / Pharmacology Lab

**Monday November 7, 2011: Instructor:** \_\_\_\_\_

Chapter 28: Musculoskeletal Injuries

Chapter 29: Head & Spinal Injuries

Chapter 30: Putting it All Together for the Spinal Patient

**Test Review: Chapters 26-30**

**Monday November 10, 2011: Instructor:** \_\_\_\_\_

**TEST Chapters 26-30**

**Hazmat / WMD: MANDATORY ATTENDANCE**

**Thursday November 14, 2011: Instructor:** \_\_\_\_\_

Chapter 31: Infants & Children

Chapter 32: Patients with Special Needs

Chapter 33: Geriatric Patients

**Monday November 17, 2011: Instructor:** \_\_\_\_\_

Chapter 34: Ambulance Operations  
Chapter 35: Gaining Access & Rescue Operations  
Chapter 36: Special Operations  
Chapter 37: EMS Response to Terrorism

**Saturday November 19, 2011:** Instructors: \_\_\_\_\_

**MCI Drill Mandatory Attendance:**

**Thursday November 21, 2011:** Instructor: \_\_\_\_\_

Test Review: Practical Skills

Test Review: Chapters 31-37

Test Chapters 31-37

**Monday November 28, 2011:** Instructors: \_\_\_\_\_

Practical Finals Squads1&2:

**Thursday December 1, 2011:** Instructors: \_\_\_\_\_

Practical Finals Squads3&4:

**Monday December 5, 2011:** Instructors: \_\_\_\_\_

Practical Finals Squads1&2:

**Thursday December 8, 2011:** Instructors: \_\_\_\_\_

Practical Finals Squads1&2:

Final Review

**FINAL WRITTEN EXAM**

## VII. REQUIRED TEXT/MATERIALS

Textbook Brady, *Emergency Care*, 11<sup>th</sup> edition.

Workbook Brady, *Emergency Care*, 11<sup>th</sup> edition.

## VIII. GRADING SCALE

100-90=A

89-80=B

79-70=C

60-70=D

0-60=F

## IX. 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.

## METHOD OF STUDENT EVALUATION

Students will be evaluated on the following criteria according to the accompanying scale:

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

\*\*\*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.

## **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 tardy arrivals (including conferences) equal 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 mean 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

## **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.

## **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.

### **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.

### **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.

### **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.

### **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*

### **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: Obstetrics etc.)

2. A minimum of 60 hours in rescue/field clinical settings (field experience).
3. A minimum of 8 ambulance transport reports and 4 patient refusals is required.
4. A total of 7 (12 hour) ambulance and hospital clinical shifts are required for a total of 84 clinical contact hours.

### **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.
2. There will be at least one assignment in this course that is due every week of the semester, unless the College is officially closed for the entire week. These may include class participation, exams and quizzes, homework, projects, or a combination of these. I will take attendance each class, so it is important that you attend each scheduled class session.
3. 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, but there will be times that students are unable to get the text until after the class begins. If you are in this situation, follow the guidelines below. These guidelines are intended to be general enough to apply to all classes you take, and they may not all apply to this class. Not having the text is not an acceptable excuse for doing no work at all in this class.

1. The FKCC library has reserve copies of the textbook available for student use. These textbook copies cannot be removed from the library.

2. Look at the publisher's web site for the text. Most publisher text sites have student resources that can help you, and many of these are available even if you do not have the text. As a minimum, the web sites usually have a Table of Contents, which can also help you get an idea what topics we will cover.
3. Please let me know if you don't have the text by the end of the first week of class. I will not be sympathetic if you wait until after the first week of the semester to tell me you don't have the text.

The above guidelines will probably not be enough to replace the text entirely, but they will allow you to learn enough to participate in the discussion forums each week. This participation is critical to your grade and also for attendance purposes.

### **Sources of Technical Assistance**

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](mailto: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](mailto: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](http://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**

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