



HORRY-GEORGETOWN TECHNICAL COLLEGE

Myrtle Beach, SC

COURSE SYLLABUS

COURSE NUMBER: EMS 223

COURSE TITLE: Paramedic Clinical I

Lecture Hours
Per week: 0

Lab/Shop/Clinic
Hours Per Week: 6

Semester Credit
Hours: 2.0

Prerequisite: EMS 210, EMS 119, EMS 220, EMS 115

Corequisite: EMS 120, EMS 217, EMS 221, EMS 116

Catalog Course Description: This course includes hospital clinical experiences in many areas, such as the emergency center, surgery, labor and delivery, and pediatric centers.

Course Rational: To provide the student with the opportunity to become proficient in the skills presented in the classroom and lab settings.

Required text(s) or other Materials:

Bledsoe, Bryan E, DO, Robert S Porter, MA, and Richard A Cherry. *Paramedic Care Principles & Practice*. Vols. 1,2,3,4&5. Upper Saddle River: Pearson / Prentice Hall, 2009. Print.

Instructor Information:

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I. STUDENT LEARNING OUTCOMES

- A. Upon completion of this clinical rotation, the student will be able to:
1. State the rationale for, and participate in airway control of the anesthetized patient including intubation of patients under direct supervision of a CRNA and anesthesiology
 2. To practice EKG interpretation and state treatment necessary in the care of patient needing arrhythmia control.
 3. Describe the anatomy of the heart and perfusion of the coronary arteries.
 4. Recognize, state the rationale for and participate in the emergency care given in acute medical, surgical and pediatric care environments.
 5. Master the following skills:
 - a. Obtaining vital signs
 - b. Airway management/oxygen therapy (including intubation)
 - c. Oropharyngeal & nasopharyngeal insertion, endotracheal intubation and tracheal suctioning
 - d. Auscultation and determination of breath sounds
 - e. IV Cannulation and management of fluid therapy
 - f. EKG interpretation and treatment of cardiac conditions
 - g. SQ, SL, IM and IV medication administration
 - h. Phlebotomy
 - i. Defibrillation
 - j. CPR
 - k. Dextrostix or electronic BGL device

II. METHOD OF INSTRUCTION

- A. Clinical practice with an RN preceptor
- B. Demonstration and practical hands-on
- C. Discussion paper
- D. Mock case studies

III. EVALUATION

- A. The student is assigned to a nurse preceptor at a local hospital agency. The preceptors will evaluate the students on a regular basis and fill out a student evaluation as well as a skills evaluation. Procedures performed will be according to lab practice and check-off skill sheets.
- B. The Daily Hospital Clinical Evaluation must be completed for every clinical session.
- C. The student is responsible for inputting their patient assessments and skills into the computer tracking-database program called "FISDAP". The student's ability to perform this task on time will be graded.
- D. The student's ability to show up to assigned clinical rotations on time and turn in the daily attendance sheet to the Clinical/Internship Coordinator will be graded.

- E. Remember the following skills are required for successful completion of the paramedic program. These are the total number required to be performed over 3 semesters during the clinical and field internship combined.

Psychomotor Skills

- The student must demonstrate the ability to safely administer medications to fifteen (15) patients.
- The student must demonstrate the ability to safely perform endotracheal intubation on five (5) patients
- The student must demonstrate the ability to gain venous access on twenty-five (25) patients of various age groups
- The student must demonstrate the ability to effectively ventilate five (5) unintubated patients of various age groups

Comprehensive Patient Assessments

- Ages
 - The student must demonstrate the ability to perform a comprehensive assessment on thirty (30) pediatric patients (including newborn, infants, toddlers and school age)
 - The student must demonstrate the ability to perform a comprehensive assessment on fifty (50) adult patients
 - The student must demonstrate the ability to perform a comprehensive assessment on thirty (30) geriatric patients sixty-five (65) years of age or older.
- Pathologies
 - The student must demonstrate the ability to perform a comprehensive assessment of ten (10) obstetric patients
 - The student must demonstrate the ability to perform a comprehensive assessment on twenty (20) psychiatric patients.
 - The student must demonstrate the ability to perform a comprehensive assessment on forty (40) trauma patients.

Complaints

- The student must demonstrate the ability to perform a comprehensive assessment, formulate, and implement a treatment plan on thirty (30) patients with chest pain.
- The student must demonstrate the ability to perform a comprehensive assessment, formulate, and implement a treatment plan on twenty (20) adult patients with dyspnea / respiratory distress.

- The student must demonstrate the ability to perform a comprehensive assessment, formulate, and implement a treatment plan on eight (8) pediatric patients with dyspnea / respiratory distress.
- The student must demonstrate the ability to perform a comprehensive assessment, formulate, and implement a treatment plan on ten (10) patients with syncope related symptoms.
- The student must demonstrate the ability to perform a comprehensive assessment, formulate, and implement a treatment plan on twenty (20) patients with abdominal complaints (abdominal pain, nausea/vomiting, GI bleeding, gynecological complaints, etc.).
- The student must demonstrate the ability to perform a comprehensive assessment, formulate, and implement a treatment plan on twenty (20) patients with altered mental status.

Team Leader Skills

- The student must demonstrate the ability to serve as an active participant on fifty (50) pre-hospital emergencies, ten (10) of which the student must perform as the team leader.

Failure to complete the required minimal competencies will result in the student being prohibited from sitting for the National Registry Paramedic exam.

*NOTE: Some students may not complete all of the above competencies in the suggested 285 hours of internship and 300 hours of clinical practice. In some instances specific clinical time will be assigned to meet these shortages or the student will be asked to complete a scenario in which the skill will be assessed. Extra clinical time or scenario based assessment will only be granted to students who have completed the minimum number of hours that the program has suggested. Any student not completing the minimum number of hours as well as the minimum competencies will be assigned an “I” in the last semester due to these circumstances. Any student receiving an “I” or “F” in the last semester will not be eligible to sit for the National Registry Paramedic exam.

IV. GRADING SCALE

Criteria for the final course grade are as follows:

Reporting and Documentation	20%
Number of Hours Completed	40%
Percentage of Competencies Completed	40%
Total	100%

- A. Reports will be graded and averaged for a reporting grade. Reports are reviewed for thoroughness and neatness, and must include the patient’s chief complaint, present medical history (or history of the event), past medical history, physical assessment, treatment, response to treatment, medications, allergies, disposition of the patient and any further pertinent information. Students should print the content of the narrative. Non-legible reports will be given a grade of **0**.

a. "FISDAP" Reporting: All documentation of hours and clinical/internship competencies must be entered into the computer tracking-database program "FISDAP". For the student to get credit for these items, they must have been entered into the program. Any hours or competencies left out will be considered not complete. "FISDAP" documentation is essential to the continuous tracking of the progress of the students and is imperative that students maintain current with submission requirements. All shifts completed in the field **MUST** be entered into the computer program within **96** hours of completion of that shift. Each student is allowed to have two shifts submitted late for the semester. Each shift following that 96- hour window from the shift completion, will receive a 1% drop in the reporting and documentation grade for each late submission. If all hours and skills are not entered into the program by the end of the semester, a grade of "I" will be assigned for this course.

b. PCR's are due within a week of the completion.

B. The student will be graded on the number of internship hours and patient contacts completed. The expected number of hours to complete in clinic this semester is 150 hours. The expected percentage of complete competencies is 45%. However, if a student completes less hours or patient contacts, then the number of hours completed and competencies will be adjusted as the below chart illustrates:

Hours		Competencies Completed	
Hours	Grade	Percentage	Grade
150 +	100	50% +	100
142-149	90	40%-49%	90
134-141	80	30%-39%	80
126-133	70	20%-29%	70
120-126	60	10%-19%	60
Less than 120	50	Less than 10%	50

C. FINAL GRADING SCALE

A =	90-100
B =	80-89
C =	70-79
D =	60-69
F =	Below 60

Successful completion of this course is defined as a grade of "C" (70%) or better.

V. COURSE POLICIES

A. Attendance

1. Absences:

Regular attendance at scheduled clinical sessions is necessary for the student to attain success in the pursuit of their studies.

- a. All clinical material must be made up at the discretion of and at a time acceptable with the Clinical Coordinator. It is the student's responsibility to ensure that they have enough clinical time to complete the requirements of this course as well as their minimum program competencies.
- b. In the event of excessive absenteeism, the student will be evaluated to determine progress in meeting course objectives. If the faculty determines that the student is unable to meet the objectives, a course grade of "F" will be given.

B. Additional Requirements

1. Adherence to regulations, rules, and conduct as stated in the Horry-Georgetown Technical College Student Handbook is expected. Refer to college policies in the college catalogue and to departmental policies in the Student Handbook. Visit <http://www.hgtc.edu> to view the handbook.
2. You are responsible for **all** the information from the textbook.

C. Health Science Division Drug Policy

Consistent with the Federal Drug-Free Schools and Communities Act Amendments of 1989, it is the policy of Horry-Georgetown Technical College that all students and employees be committed to creating and maintaining a drug free environment. Use of substances which interfere with the judgment and/or motor coordination of students in the health field poses unacceptable risk for patients, health care agencies, and the faculty of the College. Student conduct should be in conformity with the high moral and ethical standards of a health professional, as well as within the legal constraints of any law-abiding community. Students are strictly prohibited from being under the influence of alcohol or any other drug while engaged in any portion of their formal educational experience.

D. Computer Use

Computers are made available to EMT Department students for research and documentation purposes. Internet access is available and monitored by the college. All computer usage is to remain at a professional level. Any abuse of this privilege will result in denial of computer access and possibly other disciplinary action. Refer to attached Policy on Student Use of Computers.

VI. COURSE OUTLINE

Refer to attached Class Schedule

VII. ADDITIONAL REFERENCES

Handouts as applicable

VIII. ADDITIONAL INFORMATION

A. Electronic devices

Cell phones, pagers, alerting devices and the like are required to be turned **off** or set to the **quite mode** during class. If a device alerts during class, the student will be removed from class for the remainder of the class period and a "0" score will be awarded for any quizzes or homework assigned for the remainder of that period. Should a device alert during a quiz or exam, the student will be removed from class immediately and receive a "0" on that quiz or exam.

Students with Disabilities:

HGTC is committed to providing an accessible environment for students with disabilities. The primary purpose of Services for Students with Disabilities is to improve the educational development of students with disabilities through the understanding and support of the campus environment. This mission is accomplished through direct assistance to students with disabilities, encouragement of their independence, creation and maintenance of an accessible physical environment, and the provision of a supportive psychological environment so that students may achieve their educational objectives.

The College understands that students with disabilities may require unique appropriate academic accommodations and must have their needs assessed on a case-by-case basis.

Inquiries may be directed to the Coordinator of Services for Students with Disabilities on the Conway Campus or the Coordinator of Student Services on the Grand Strand or Georgetown Campus, who will review documentation of the student's disability and, in a confidential setting with the student, develop an educational accommodation plan.

STUDENT SYLLABUS RECEIPT

I, _____ have received the course syllabus for EMS 223 – Paramedic Clinical I from the instructor. The syllabus has been explained to me, and I have had my questions answered by the instructor. I understand that it is my responsibility to keep the syllabus in my possession for future reference. I will take the initiative and maintain the necessary degree of persistence to get any future questions answered by the instructor. I understand that additional help may be obtained from the instructor during posted office hours or by appointment, but that it is my responsibility to seek such help.

I further understand that a student tutor will be provided upon my request (if available) and upon appropriate application to student services. I understand the potential for both passing and failing this course, and that I must obtain a cumulative grade of at least 70% (C) to successfully complete the course. I agree to adhere to all course, departmental and Horry-Georgetown Technical College policies as referenced in the accompanying syllabus.

Date _____

Student _____

Instructor _____