



INSTRUCTIONAL PACKAGE

EMS 224

Paramedic Clinical II

202010

Fall 2020

INSTRUCTIONAL PACKAGE

PART I: COURSE INFORMATION

Effective Term: 202010

COURSE PREFIX: EMS 224

COURSE TITLE: Paramedic Clinical II

CONTACT HOURS: 0-6-2

CREDIT HOURS: 6

RATIONALE FOR THE COURSE:

To recognize paramedics as highly skilled and compassionate healthcare professionals who positively transform the experience of care within diverse populations.

COURSE DESCRIPTION:

This course is a study of emergency medical care procedures for the paramedic provider, including concepts and skills related to medical emergencies. Emphasis is on pathophysiology and treatment modalities related to the major systems of the body such as the respiratory and cardiovascular systems. This course includes compressed content from EMS 213.

PREREQUISITES/CO-REQUISITES:

Prerequisites: EMS 119, EMS 210 and EMS 220

Co-requisites: EMS 116, EMS 230, and EMS 224

REQUIRED MATERIALS:

Please visit the [BOOKSTORE](#) online site for most current textbook information. Use the direct link below to find textbooks.

Enter the semester, course prefix, number and section when prompted and you will be linked to the correct textbook.

ADDITIONAL REQUIREMENTS:

Hospital Scrubs & Stethoscope

School & Hospital ID Badge

Receives calls from dispatchers, responds verbally to emergency calls, reads maps, drives ambulances to emergency sites, uses most expeditious route, and observes traffic ordinances and regulations. Works as a member of a two-person team.

Determines nature and extent of illness or injury, takes pulse, blood pressure, visually observes changes in skin color, auscultate breath sounds, makes determination regarding patient status, establishes priority for emergency care, renders appropriate emergency care (based upon competency and certification level); may administer intravenous drugs of fluid replacement as directed by a physician and based upon competency and certification level. May use equipment (based upon competency and certification level) such as but not limited to, defibrillator, electrocardiograph, performs endotracheal intubation to open airways and to ventilate patient, inflates pneumatic counter-pressure devices to improve patient's blood circulation.

Assisting in lifting, carrying, and transporting patient to ambulance and on to a medical facility. Reassures patients and bystanders, avoids mishandling patient and undue haste, and searches for medical identification emblem to aid in care. Extricates patients from entrapment, assess extent of injury, uses prescribed techniques and appliances, radios dispatcher for additional assistance or services, provides light rescue service if required, provides additional emergency care following established protocols.

Complies with regulations in handling deceased, notifies authorities, and arranges for protection of property and evidence at scene. Determines appropriate facility to which patient will be transported, report nature and extent of injuries or illness to the facility, ask for direction from hospital physician or emergency department (based upon competency and certification level). Observes patient enroute and administers care as directed by physician or emergency department or according to published protocol based on competency and certification level. Identifies diagnostic signs that require communication with facility. Assist in removing patient from ambulance and into emergency facility. Reports verbally and in writing observations about and care of patients at the scene and enroute to facility, provides assistance to emergency staff as required.

Replaces supplies, prepares and / or sends used supplies for sterilization and / or disposal in accordance with state and OSHA regulations and published standard operating procedures. Checks all equipment for future readiness, maintains ambulance in operable condition, ensures ambulance cleanliness and orderliness of equipment and supplies, decontaminates vehicle interior determines vehicle readiness by checking oil, gas, water in battery and radiator, and tire pressure, maintains familiarity with all specialized equipment.

ALL EMT's MUST BE ABLE TO PERFORM THESE ESSENTIAL JOB FUNCTIONS:

Ability to communicate verbally, via telephone and radio equipment;

Ability to lift, carry, and balance up to 125 pounds (250 pounds with assistance);

Ability to read and interpret written, oral, and diagnostic form instructions;

Ability to use good sound judgment and remain calm in high-stress situations;

Ability to work effectively in an environment with loud noises and flashing lights;

Ability to function efficiently throughout an entire work shift;

Ability to calculate weight and volume ratios and read small print, both under life threatening time constraints;

Ability to read and understand English language manuals and road maps;

Accurately discern street signs and address numbers;

Ability to interview patient, family members, and bystanders;

Ability to document, in writing, all relevant information in prescribed format in light of legal ramifications of such;

Ability to converse in English with co-workers and hospital staff as to status of patient;

Good manual dexterity, with ability to perform all tasks related to highest quality patient care;

Ability to bend, stoop, and crawl on uneven terrain;

Ability to withstand varied environmental conditions such as extreme heat, cold, and moisture;

Ability to work in low light, confined spaces and other dangerous environments.

TECHNICAL REQUIREMENTS:

Access to Desire2Learn (D2L), HGTC's student portal for course materials.
WaveNet and D2L email access.

STUDENT IDENTIFICATION VERIFICATION

Students enrolled in online courses will be required to participate in a minimum of one (1) proctored assignment and/or one (1) virtual event to support student identification verification. Please refer to your Instructor Information Sheet for information regarding this requirement.

CLASSROOM / HOSPITAL ETIQUETTE:

As a matter of courtesy to other students and your professor, please turn off cell phones and other communication/entertainment devices before class begins. If you are monitoring for an emergency, please notify your professor prior to class and switch cell phone ringers to vibrate.

NETIQUETTE: is the term commonly used to refer to conventions adopted by Internet users on the web, mailing lists, public forums, and in live chat focused on online communications etiquette. For more information regarding Netiquette expectations for distance learning courses, please visit: [Online Netiquette](#).

SAFEGUARDS:

All activities required in the paramedic program must be educational and students must **not** be substituted for staff.

For educational activities, individuals must be clearly identified as students, in a specific clinical / field experience / internship, under the auspices of the program medical director, and under the supervision of the designated preceptor prior to performing patient care. **Students must not be substituted for staff.**

Part II: Student Learning Outcomes

To prepare competent entry-level Emergency Medical Technician – Paramedics in the cognitive (knowledge), psychomotor (skills) and affective (behavior) learning domains.

COURSE LEARNING OUTCOMES

Upon completion of this rotation the student should be able to:

1. Describe what is involved in the management and treatment plan of injured or ill patients with; compensated and decompensated shock, respiratory distress, respiratory failure, respiratory arrest, cardiac arrest, and other medical emergencies.
2. Describe what is involved in the management and treatment of trauma patients.
3. Recognize the difference between sick and not sick patients.
4. Recognize areas in patient care that need improvement.
5. Discuss a patient's complete medical history and treatment with the attending staff.
6. Demonstrate proper communication skills with medical staff and patients.
7. Discuss indications, dosages, route of administration and special considerations for medication administration in the emergency setting.

8. Demonstrate the ability to safely administer medications by Oral, IM, SubQ, and IV techniques.
9. Demonstrate appropriate intervention techniques with family and friends.
10. Attend to the need for reassurance, empathy, and compassion for the family and friends.
11. Demonstrate and advocate appropriate interaction with injured and ill patients that conveys respect for their position in life.
12. Describe techniques for successful interaction with families and friends of injured and ill patients.
13. Demonstrate and develop patient assessment skills.
14. Demonstrate critical thinking skills in the emergency setting.
15. Demonstrate proper technique for intravenous access for injured and ill patients.
16. Develop teamwork skills by assisting the nursing staff in the care of emergency patients.
17. Demonstrate psychomotor skill related to treatment and care of emergency patients.
18. Demonstrate proper techniques for airway management in injured and ill patients to include oxygen delivery, suction, bag-valve-mask ventilation, LMA insertion, and endotracheal intubation.
19. Demonstrate appropriate treatment/management of intubation complications for patients with respiratory distress, failure, and arrest.
20. Discuss the treatment of injured and ill patients from admission to discharge.

Part III: Grading and Assessment

- A. The performance of the HCTG paramedic student will be evaluated daily by the Preceptor using the *Daily Preceptor Evaluation* form on the back of the hospital clinical form. Performance will also be assessed routinely using the professional behavior analysis form.
- B. Students will need to obtain a minimum of 180 clinical hours for this semester.

HOURS	SCORE / GRADE
190	100
187-189	95
184-186	90
181-183	85
178-180	80
175-177	75
172-174	70
171 or less	0

Total Clinical Hours by Department at Program Completion

ER	ICU	Pediatrics	Autopsy	L&D	Med. Dir.	CCL	Total
160	27	45	1	18	8	3	262

- C. Students have to obtain 60% competencies in each of the following areas to successfully complete the clinical requirement for this course:
 - a. Skills / Interventions

- b. Impressions
- c. Complaints
- d. Ages

Completion of the requirements = 100%

Non-completion of the requirements = prorated on a percentage basis.

D. Documentation

- a. Appropriate and complete narrative.
- b. Paperwork completed properly.
- c. Paperwork completed in time frame.

Late FISDAP entry will result in a 10-point deduction for each occurrence. Paperwork needs to be turned into the clinical coordinator with 7 days of attendance – over a 7 day period will result in a 10-point deduction for each occurrence in addition to any late entry deductions.

EVALUATION OF REQUIRED COURSE MEASURES/ARTIFACTS

Students’ performance will be assessed and the weight associated with the various measures/artifacts are listed below.

GRADING SYSTEM:

Clinical Performance & Professional Behavior Analysis	15%
Total Hours	35%
Competencies	30%
Documentation	20%
Total	100%

A = 100 – 90, B = 89- 80, C = 79 – 70, D = 69 – 60, F = 59 and below.

Grades earned in courses impact academic progression and financial aid status. Before withdrawing from a course, be sure to talk with your instructor and financial aid counselor about the implications of that course of action. Ds, Fs, Ws, WFs and Is also negatively impact academic progression and financial aid status.

The Add/Drop Period is the first 5 days of the semester for **full term** classes. Add/Drop periods are shorter for accelerated format courses. Please refer to the academic calendar for deadlines for add/drop ([ACADEMIC CALENDAR](#)). You must attend at least one meeting of all of your classes during that period. If you do not, you will be dropped from the course(s) and your Financial Aid will be reduced accordingly.

Part IV: Attendance

Horry-Georgetown Technical College maintains a general attendance policy requiring students to be present for a minimum of 80 percent (80%) of their classes in order to receive credit for any course. Due to the varied nature of courses taught at the college, some faculty may require up to 90 percent (90%) attendance. Pursuant to 34 Code of Federal Regulations 228.22 - Return to Title IV Funds, once a student has missed over 20% of the course or has missed two (2) consecutive weeks, the faculty is obligated to withdraw the student and a student may not be permitted to reenroll. **Instructors define absentee limits for their class at the beginning of each term.**

In Accordance with SC DHEC – Bureau of EMS a student may miss 10% of the total classroom hours for any reason. Under extenuating circumstances, the program coordinator may allow the student to miss **up to a total** of 20% of the total classroom hours. The student is responsible for documenting in writing to the program coordinator's satisfaction, the extenuating circumstances. The program coordinator is under NO obligation to accept the student's documentation or extend the student the additional 10% in allotted absences. The student should also understand that arriving to class late or leaving class early counts towards the allotted hours of time missed. Once the student exceeds the hours of absences, the student will be terminated from the course and will not be eligible to attempt the National Registry examination.

Part V: Student Resources



THE STUDENT SUCCESS AND TUTORING CENTER (SSTC):

The SSTC offers to all students the following **free** resources:

1. **Academic tutors** for most subject areas, **Writing Center support**, and **college success skills**.
2. Online **tutoring** and academic support resources.
3. Professional and interpersonal communication **coaching** in the EPIC Labs.

Visit the [Student Success & Tutoring Center](#) website for more information. To schedule tutoring appointments using TutorTrac, visit the Student Services tab in WaveNet. Email sstc@hgtc.edu or call SSTC Conway, 349-7872; SSTC Grand Strand, 477-2113; and SSTC Georgetown, 520-1455, or go to the [Online Resource Center](#) to access on-demand resources.



STUDENT INFORMATION CENTER: TECH Central

TECH Central offers to all students the following **free** resources:

1. **Getting around HGTC:** General information and guidance for enrollment!
2. Use the [Online Resource Center \(ORC\)](#) including scheduled technology training, Office 365 support, password resets, and username information.
3. **Drop-in technology support or scheduled training** in the Center or in class.
4. **In-person workshops, online tutorials and more services** are available.
5. **Chat with our staff on TECH Talk**, our live chat service. TECH Talk can be accessed on the student portal and on TECH Central's website, or by texting questions to (843) 375-8552.

Visit the [Tech Central](#) website for more information. Live Chat and Center locations are posted on the website. Or please call (843) 349 – TECH (8324).

DISABILITY SERVICES:

HGTC is committed to providing an accessible environment for students with disabilities. Inquiries may be directed to HGTC's [Accessibility and Disability Service webpage](#). The Accessibility and Disability staff will review documentation of the student's disability and, in a confidential setting with the student, develop an educational accommodation plan.

Note: It is the student's responsibility to self-identify as needing accommodations and to provide acceptable documentation. After a student has self-identified and submitted documentation of a disability, accommodations may be determined, accepted, and provided.

STATEMENT OF EQUAL OPPORTUNITY/NON-DISCRIMINATION STATEMENT:

Horry-Georgetown Technical College prohibits discrimination and harassment, including sexual harassment and abuse, on the basis of race, color, sex, national or ethnic origin, age, religion, disability, marital or family status, veteran status, political ideas, sexual orientation, gender identity, or pregnancy, childbirth, or related medical conditions, including, but not limited to, lactation in educational programs and/or activities.

TITLE IX REQUIREMENTS:

All students (as well as other persons) at Horry-Georgetown Technical College are protected by Title IX—regardless of their sex, sexual orientation, gender identity, part- or full-time status, disability, race, or national origin—in all aspects of educational programs and activities. Any student, or other member of the college community, who believes that he/she is or has been a victim of sexual harassment or sexual violence may file a report with the college's Chief Student Services Officer, campus law enforcement, or with the college's Title IX Coordinator, or designee.

*Faculty and Staff are required to report incidents to the Title IX Coordinators when involving students. The only HGTC employees exempt from mandatory reporting are licensed mental health professionals (only as part of their job description such as counseling services).

INQUIRIES REGARDING THE NON-DISCRIMINATION/TITLE IX POLICIES:

Student and prospective student inquiries concerning Section 504, Title II, and Title IX and their application to the College or any student decision may be directed to the Vice President for Student Affairs.

Dr. Melissa Batten, VP Student Affairs

Title IX Coordinator

Building 1100, Room 107A, Conway Campus

PO Box 261966, Conway, SC 29528-6066

843-349-5228

Melissa.Batten@hgtc.edu

Employee and applicant inquiries concerning Section 504, Title II, and Title IX and their application to the College may be directed to the Vice President for Human Resources.

Jacquelyne Snyder, VP Human Resources

EEO and Title IX Coordinator

Building 200, Room 212A, Conway Campus

PO Box 261966, Conway, SC 29528-6066

843-349-5212

Jacquelyne.Snyder@hgtc.edu

Accident Occurring on or off Campus

Accidents involving Faculty, Staff and Student Workers (work-study, clinical student or students on a required internship):

An accident/illness involving faculty, staff or student worker must be reported immediately to the Human Resources Department (843.349.7134) before seeking medical treatment, if possible, so an accident/incident report can be completed and Worker's Compensation can be notified. In the event someone in Human Resources cannot be notified, the injured party may contact the College's Worker's Compensation insurance carrier, CompEndium Services, to complete an accident/incident report and to receive clearance for treatment at 877.709.2667. If the incident is an emergency, please notify Human Resources as soon as the proper medical attention has been rendered for verification of workers' compensation coverage.

In any event, if an accident occurs, proper documentation needs to be completed. An accident report needs to be filled out stating the name of the injured party, the location of the accident, his/her identification number (social or H number), his/her address & phone number, the date & time of the accident, whether there were witnesses, and a brief description of what occurred. Attached is a copy of the Accident/Incident Report form. A copy of the report needs to be distributed to the following departments: Human Resources, the respective Supervisor, and the Dean/Provost of the specific campus.