



INSTRUCTIONAL PACKAGE

EMS 117

Pediatric Advanced Life Support

201720

Spring 2018

INSTRUCTIONAL PACKAGE

PART I: COURSE INFORMATION

Effective Term: 201720- Spring 2017

COURSE PREFIX: EMS 117

COURSE TITLE: Pediatric Advanced Life Support

CONTACT HOURS: 1-0-1

CREDIT HOURS: 1

RATIONALE FOR THE COURSE:

The American Heart Association and the American Academy of Pediatrics have developed PALS courses to emphasize the early recognition of pre-arrest states in infants and children in order to prevent cardiopulmonary arrest. The current courses were developed to meet the needs of pre-hospital and hospital pediatric healthcare providers.

COURSE DESCRIPTION:

This course is designed to educate the experienced healthcare provider in dealing with critical pediatric patients suffering from acute cardiac and respiratory problems in an emergency setting. An understanding of cardiac equipment, basic pharmacology and cardiovascular function is necessary.

PREREQUISITES/CO-REQUISITES:

Prerequisites: EMS 116, EMS 224 EMS 230, EMS 238

Corequisites: EMS 118, EMS 240, EMS 241 EMS 248, EMS 272

REQUIRED MATERIALS:

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

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

ADDITIONAL REQUIREMENTS:

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.

CLASSROOM 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.

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.

Part II: Student Learning Outcomes

COURSE LEARNING OUTCOMES and ASSESSMENTS*:

Upon completion of a PALS course participants should be able to:

1. Recognize and treat the infant or child at risk for cardiopulmonary arrest.
2. Discuss the strategies for preventing cardiopulmonary arrest in infants and children.
3. Demonstrate the assess-categorize-decide-act systematic approach to assessment and management of a seriously ill infant or child.
4. Demonstrate the cognitive and psychomotor skills necessary for resuscitating and stabilizing the infant or child using effective resuscitation team dynamics.

Part III: Grading and Assessment

EVALUATION OF REQUIRED COURSE MEASURES/ARTIFACTS*

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

EVALUATION*

Pretest	25%
Skills Stations	25%
Post Test	50%
	<hr/>
	100%

**Students, for the specific number and type of evaluations, please refer to the Instructor's Course Information Sheet.*

GRADING SYSTEM:

100%-90%	A
80%-89%	B
70%-79%	C
60%-69%	D
59% or less	F

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

Students are responsible for all course work and class assignments; therefore, they are expected to regularly and promptly attend each meeting of classes for which they are enrolled. Students should limit absences to those that are unavoidable

and, with the professor's consent, should make up all work missed. Unannounced quizzes will *not* be made up and late homework will *not* be accepted. Two consecutive absences will result in a student/advisor conference. Tardiness should be avoided. Three tardies count as one absence.

In accordance with South Carolina Department of Health and Environmental Control – Division 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. Students withdrawn from a course due to excessive absences will receive a grade of Withdraw ("W") up to the 2/3 point of the semester. Thereafter, a Withdraw ("W") or Withdrew Failing ("WF") will be assigned dependent upon his/her academic status at the time of last date attended.

Attendance records begin on the first day of class for both new and returning students, regardless when he/she registers during the five-day registration and add/drop period at the beginning of each term.

Lab Attendance Requirements

The lab meeting times are included in the attendance policy in the same manner as a regular lecture meeting. The attendance of the lab class will be combined with the lecture section for a total attendance.

Part V: Student Resources

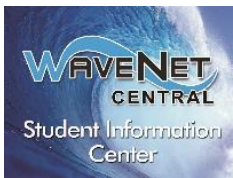


The Student Success and Tutoring Center (SSTC)

The SSTC offers to all students the following free resources:

1. Academic coaches for most subject areas, Writing Center Support, and college success skills.
2. On-line student success and academic support resources.

Visit the SSTC website: [Student Success & Tutoring Center](#) and visit the student services tab in your WaveNet account to schedule appointments using TutorTrac. For more information, call: SSTC Conway, 349-7872; SSTC Grand Strand, 477-2113; and SSTC Georgetown, 520-1455. Room locations and Live Chat is available on the SSTC website.



Student Information Center: WaveNet Central (WNC)

WNC offers to all students the following free resources:

1. Getting around HGTC: General information and guidance for enrollment!
2. Use the [Online Resource Center \(ORC\)](#) for COMPASS support, technology education, and online tools.
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.

Visit the WNC website: [Wavenet Central](#). Live Chat and Center locations are posted on the website. Or please call one of the following locations: WNC Conway, 349-5182; WNC Grand Strand, 477-2076; and WNC Georgetown, 520-1473.

Disability Services

HGTC is committed to providing an accessible environment for students with disabilities. Inquiries may be directed to Jocelyn Williams, Director of Student Development on the Conway Campus Jaime Davis, Counselor/Advisor on the Georgetown Campus or Kristin Griffin, Counselor on the Grand Strand Campus. These individuals 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.

Title IX Requirements

The South Carolina Technical College System does not discriminate on the basis of race, color, gender, national or ethnic origin, age, religion, disability, marital status, veteran status, sexual orientation, gender identity, or pregnancy in educational programs and activities as required by Title IX. As outlined in the Violence Against Women Act, Horry Georgetown Technical College prohibits the offenses of domestic violence, dating violence, sexual assault, and stalking. Students who believe he or she has experienced or witnessed discrimination including sexual harassment, domestic violence, dating violence, sexual assault or stalking are encouraged to report such incidents to the Title IX Coordinators:

Dr. Melissa Batten, AVP of Student Affairs
Building 1100, Room 107A, Conway Campus
843-349-5228

Melissa.Batten@hgtc.edu

Jacquelyne Snyder, AVP of Human Resources
Building 200, Room 212A, Conway Campus
843-349-5212

Jacquelyne.Snyder@hgtc.edu

*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).

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.

If you need to go to the doctor's office, the following locations work in conjunction with our Worker's Compensation:

Doctors Care - Carolina Forest	200 Middleburg Dr Myrtle Beach, SC 29579	Mon-Fri 8am-8pm Sat/Sun 9am-5pm	843-903-6650
Doctors Care - North Myrtle Beach	1714 Hwy 17 Myrtle Beach, SC 29582	Every day 8am-8pm	843-361-0705
Doctors Care - Strand Medical	1220 21st Ave. Myrtle Beach, SC	Every day 8am-8pm	843-626-9379
Doctors Care - Church Street (Hwy 501)	1113 Church St Conway, SC	Every day 8am-8pm	843-248-6269
Doctors Care – Georgetown	1068 North Frazier St Georgetown, SC 29440	Mon-Fri 8am-8pm Sat/Sun 9am-5pm	843-545-7200