

GRTS Spring 2021 Adult Ed Courses

HEALTH OCCUPATIONS

PARAMEDIC

The course encompasses the role and responsibilities of the EMT-P with instruction in airway management, blood gas analysis and cardiac dysrhythmia interpretation using the knowledge and skills necessary for initial treatment of medical, central nervous system, soft tissue, musculoskeletal, OB/GYN, environmental, psychiatric emergencies, trauma and advanced life support. Completion of the course requires satisfactory performance in 644 didactic hours (in classroom), 700 clinical hours and 76 field experience hours. Prerequisites: Current EMT license, High school and college transcript or GED, record of hepatitis shots, TB Mantoux and Flu shot (just before clinical rounds), drug screen (specific panel requirements), and Missouri criminal background check (provided by GRTS).

CERTIFIED NURSES' AID – CNA

Certified Nurses' Aid teaches basic nursing skills necessary to work in a nursing home. Classroom, laboratory and clinicals will include bed making, bathing, nutrition, skincare, moving and positioning patients, urinary and bowel care, TPR and blood pressure, charting, special needs of the nursing home resident. Upon satisfactory completion of the course, students will receive a certificate and be placed on Registry with Division of Aging. 75 hours classroom and 16 clinical within class; and 84 hours clinical.

CERTIFIED MEDICATION TECHNICIAN – CMT

Certified Med Tech teaches skills in administration of non-parenteral medications that will qualify students to perform this procedure to assist licensed practical nurses or registered professional nurses in medication therapy. Classroom, laboratory, and clinicals will include basic review of body systems and medication effect on each system; medical terminology; infection control; and medication classifications. Upon satisfactory completion of the course, students will receive a certificate and be placed on the Certified Medication Technician (CMT) Registry. 60 hours classroom; and 8 hours clinical.

PARAMEDIC/EMT REFRESHER

State approved class necessary to maintain Paramedic/EMT license.

ADVANCED CARDIAC LIFE SUPPORT – ACLS

This refers to a set of clinical interventions for the urgent treatment of cardiac arrest and other life-threatening medical emergencies, as well as the knowledge and skills to deploy those interventions. Extensive medical knowledge and rigorous hands-on training and practice are required to master ACLS. Only qualified health care providers (e.g. physicians, paramedics, nurses, respiratory therapists, clinical pharmacists and other specially trained health care providers) can provide ACLS, as it requires the ability to manage the patient's airway, initiate IV access, read and interpret electrocardiograms, and understand emergency pharmacology. Some health professionals, or even lay rescuers, may be trained in basic life support (BLS), especially cardiopulmonary resuscitation or CPR. When a sudden cardiac arrest occurs, immediate CPR is a vital link in the chain of survival. Another important link is early defibrillation, which has improved greatly with the widespread availability of AEDs.

PEDIATRIC LIFE SUPPORT – PALS

Pediatric Advanced Life Support (PALS) is a 14-hour American Heart Association training program. The goal of the course is to aid the pediatric healthcare provider in developing the knowledge and skills necessary to efficiently and effectively manage critically ill infants and children, resulting in improved outcomes. Professional healthcare providers use PALS during the stabilization and transportation phases of a pediatric emergency, in or out of hospital. Skills taught include recognition and treatment of infants and children at risk for cardiopulmonary arrest; the systematic approach to pediatric assessment; effective respiratory management; defibrillation and synchronized cardioversion; intraosseous access and fluid bolus administration; and effective resuscitation team dynamics.

PHTLS

PHTLS is accepted internationally as the standard training course for pre-hospital trauma care, and is not only taught as continuing education course, but is also used as a textbook in many Paramedic, EMT, and first responder training programs. From October 2005 forward, BTLS are transitioning to become PHTLS courses. PHTLS courses give the student the knowledge and hands-on skills to take better care of trauma patients. PHTLS stresses rapid assessment, appropriate intervention and identification of immediate life threats. The PHTLS framework for rapid, appropriate and effective trauma care is a global standard that works in any situation. PHTLS courses combine classroom learning and hands-on skills stations. They also challenge the student with scenario assessment stations where learning is put to work in simulated trauma situations. PHTLS courses are designed, managed and delivered by course directors, coordinators and instructors experienced in EMS, pre-hospital care and the PHTLS approach.