

GUIDE TO THE EVALUATION OF EDUCATIONAL EXPERIENCES IN THE ARMED SERVICES

Course Exhibit

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AR-0709-0065 v5

Title:HEALTH CARE SPECIALIST

Course Number: 300-68W10.

Location: Medical Department Center and School, Fort Sam Houston, TX.

Length: 16 weeks (621 hours).

Exhibit Dates: 4/16–Present.

Overall Course Description: This course provides students with knowledge and skills to apply to various medical occupations within hospital, clinical and pre-hospital environments. Topics include fundamentals of nursing, triage, basic and advanced trauma, patient assessment, CPR, overviews of pediatrics, geriatrics and patients with special needs, respiratory and cardiac issues and primary care. Coursework includes medical terminology, anatomy and pathophysiology, medical legal concepts, ethics, pharmacology and system operation. Students develop verbal communications skills, and learn medical documentation and patient advocacy. This course also addresses methods of leadership and resource allocation. The emergency medical technician modules meet the 2010 National Emergency Medical Services (EMS) Education Standards for certification as a basic Emergency Medical Technician (EMT).

Instructional Strategies: Methods of instruction include case studies, classroom exercises, laboratory, learner presentations, lecture, and practical exercises.

Methods of Assessment: Methods of assessment include performance tests and rubrics.

Minimum Passing Score: 70%

Credit Recommendation: In the lower-division baccalaureate/associate degree category, 4 semester hours in foundations of emergency medical technician, 3 in medical emergencies, 2 in basic trauma for the EMT, 3 in EMT special populations, operations and basic skills preparation, 1 in CPR for the healthcare provider, 4 in advanced pre-hospital trauma, 4 in advanced EMS operations, and 4 in emergency preparedness. In the upper-division baccalaureate degree category, 7 semester hours in fundamentals of nursing (didactic and clinical) (5/17)(5/17).

Learning Outcomes:

Foundations Of Emergency Medical Technician

The student will be able to utilize medical terminology; describe anatomy and pathophysiology; roles and responsibilities of the EMT; understand medical, legal and ethical

issues related to EMT; utilize effective verbal communication; describe life span development; perform general pharmacology; perform primary and secondary patient assessment; recognize medical emergencies; and advocate to the well-being of the EMT.

Medical Emergencies

The student will be able to understand general pharmacology principles; maintain complicated airways; recognize diabetics and patients with altered mental status; identify poisoning and overdose emergencies; assess patients with abdominal emergencies; advocate for the behavioral and psychological emergencies; identify hematologic and renal emergencies; and recognize allergic reactions.

Basic Trauma For The EMT

The student will be able to assess bleeding and shock emergencies; recognize soft tissue trauma; differentiate between the chest and abdominal trauma; recognize musculoskeletal trauma; assess head, neck and spine trauma; identify multi-system trauma; recognize environmental emergencies; and meet Internal Trauma Life Support (ITLS) and Prehospital Trauma Life Support (PHTLS), Basic Life Support (BLS) learning outcomes.

EMT Special Populations, Operations And Basic Skills Preparation

The student will be able to respond appropriately to emergencies in the areas of Ob-Gyn, pediatric and geriatric care; advocate for the patient with special challenges; perform operations including radio report transmission, HAZMAT, mass-casualty incident command and vehicle extrication; and perform basic EMT skills.

CPR For The Healthcare Provider

The student will be able to assess the cardiac arrest patient; perform cardiopulmonary resuscitation to meet 2015 AHA standards; and recognize a stroke patient.

Advanced Pre-Hospital Trauma

The student will be able to make an advanced assessment of multi-system trauma; package and transport critically ill patients; intervene with advanced bleeding control methods; perform advanced trauma airway management; perform surgical airway clearance; perform chest decompressions; recognize decompensation shock; perform complex vascular access; assess trends and traumatic brain injuries; administer care for ocular injuries; administer care to the advanced burn patient; and stabilize musculoskeletal injuries.

Advanced EMS Operations

The student will be able to perform advanced trauma skills in a clinical environment; perform mass casualty triage; participate in critical incidence stress debriefings; recognize personnel at risk for suicide; refine advanced medical skills; prepare for environmental threats; and defend the EMS code of ethics.

Emergency Preparedness

The student will be able to perform decontamination for chemical exposure; recognize

chemical, biological, radiological, nuclear, and enhanced chemical weapons (CBRNE) incidences; integrate operations with multiple agencies; participate in rapid deployment operations; support a disaster medical assistance team; and perform advanced patient care in a clinical environment.

Fundamentals Of Nursing

The student will be able to articulate biological, psychological, sociological, and coping needs of patients at the fundamental level; demonstrate care that promotes health and prevents disease and infection; manage time effectively and organize priorities to optimize clinical performance; perform nursing interventions reflecting caring behaviors and therapeutic communications; identify the theoretical principles and critical behaviors of fundamental nursing; implement basic care plans according to patient priorities and clinical status; deliver fundamental nursing care through assessments, diagnosis, planning, intervention and evaluation; perform health history interviewing and basic psychosocial assessment; administer routine medications expected of novice prelicensure nursing students with adherence to safety and appropriate prioritization; use critical thinking in clinical decision-making; demonstrate psychomotor skills at the basic or novice nursing level; utilize evidence-based information and instruction to deliver nursing care; apply principles of applied, life and social sciences in provision of care; and communicate effectively within a team and to superiors using basic leadership skills and interpersonal processes.

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