

EMERGENCY MEDICAL SERVICES (EMSP)

EMSP 1260. CLINICAL - EMERGENCY MEDICAL TECHNOLOGY (LECTURE 0, CLIN 7). CREDIT 2. WECM.

A health-related work-based learning experience that enables the student to apply specialized occupational theory, skills, and concepts. Direct supervision is provided by the clinical professional. As outlined in the learning plan, students will apply the theory, concepts, and skills involving specialized materials, tools, equipment, procedures, regulations, laws, and interactions within and among political, economic, environmental, social, and legal systems associated with the occupation and the business/industry; and will demonstrate legal and ethical behavior, safety practices, interpersonal and teamwork skills, and appropriate written and verbal communication skills using the terminology of the occupation and the business/industry. This is an unpaid external learning experience. Prerequisite or Co-requisite: EMSP 1501. Instructor approval required.

EMSP 1438. INTRODUCTION TO ADVANCED PRACTICE (LECTURE 3, LAB 3). CREDIT 4. WECM.

Preparation for certification as an Emergency Medical Technician (EMT). At completion, students will describe the roles and responsibilities of advanced EMS personnel within the EMS system; apply concepts of pathophysiology and pharmacology to the assessment and management of emergency patients; administer medications; employ effective communication; interpret medical/legal issues; demonstrate ethical behaviors; and discuss well-being of the paramedic. This course satisfies requirements towards AEMT (formerly "EMT-Intermediate") certification. Instructor approval required.

EMSP 1455. TRAUMA MANAGEMENT (LECTURE 3, LAB 2). CREDIT 4. WECM.

Knowledge and skills in the assessment and management of patients with traumatic injuries. At completion, students will integrate the pathophysiological assessment findings to formulate a field impression; implement the treatment plan for the trauma patient; and integrate multiple determinants of trauma conditions into clinical care. This course satisfies requirements towards AEMT (formerly "EMT-Intermediate") certification. Instructor approval required.

EMSP 1501. EMERGENCY MEDICAL TECHNICIAN - BASIC (LECTURE 3, LAB 8). CREDIT 5. WECM.

Preparation for certification as an Emergency Medical Technician (EMT). At completion, students will demonstrate proficiency in cognitive, psychomotor and affective domains for the Emergency Medical Technician (EMT) in accordance with the current guidelines of the credentialing agency. Instructor approval required.

EMSP 2168. PRACTICUM/FIELD EXPERIENCE-EMERGENCY MEDICAL TECHNOLOGY/TECHNICIAN I (LECTURE 0, PRAC 10). CREDIT 1. WECM.

Practical, general workplace training supported by an individualized learning plan developed by the employer, college, and student. As outlined in the learning plan, students will apply the theory, concepts, and skills involving specialized materials, tools, equipment, procedures, regulations, laws, and interactions within and among political, economic, environmental, social, and legal systems associated with the occupation and the business/industry; and will demonstrate legal and ethical behavior, safety practices, interpersonal and teamwork skills, and appropriate written and verbal communication skills using the terminology of the occupation and the business/industry. This is an unpaid external learning experience under the direct supervision of a practicing professional. This course satisfies requirements towards AEMT (formerly "EMT-Intermediate") certification. Instructor approval required.

EMSP 2169. PRACTICUM - EMERGENCY MEDICAL TECHNOLOGY/TECHNICIAN (EMT PARAMEDIC) (LECTURE 0, PRAC 9). CREDIT 1. WECM.

Practical, general workplace training supported by an individualized learning plan developed by the employer, college, and student. As outlined in the learning plan, students will apply the theory, concepts, and skills involving specialized materials, tools, equipment, procedures, regulations, laws, and interactions within and among political, economic, environmental, social, and legal systems associated with the occupation and the business/industry; and will demonstrate legal and ethical behavior, safety practices, interpersonal and teamwork skills, and appropriate written and verbal communication skills using the terminology of the occupation and the business/industry. This is an unpaid external learning experience under the direct supervision of a practicing professional. The Medical Director may, at his discretion, require additional experience beyond the minimum requirements. Instructor approval required.

EMSP 2243. ASSESSMENT BASED MANAGEMENT (LECTURE 1, LAB 2). CREDIT 2. WECM.

A summative experience covering comprehensive, assessment-based patient care management for the paramedic level. Instructor approval required.

EMSP 2306. EMERGENCY PHARMACOLOGY (LECTURE 3, LAB 1). CREDIT 3. WECM.

A study of drug classifications, actions, therapeutic uses, adverse effects, routes of administration, and calculation of dosages. At completion, students will categorize the classification of drugs; calculate drug dosages; and identify the therapeutic use, routes of administration, indications, contraindications, and adverse effects. Course integrates with other classes in paramedic curriculum. Instructor approval required.

EMSP 2330. SPECIAL POPULATIONS (LECTURE 3, LAB 1). CREDIT 3. WECM.

Knowledge and skills necessary to assess and manage ill or injured patients in diverse populations to include neonatology, pediatrics, geriatrics, and other related topics. At completion, students will integrate pathophysiological assessment findings to formulate a field impression; implement a treatment plan for diverse patients of special populations; and integrate multiple determinants of such conditions into clinical care. Instructor approval required.

EMSP 2434. MEDICAL EMERGENCIES

(LECTURE 2, LAB 6). CREDIT 4. WECM.

Knowledge and skills in the assessment and management of patients with medical emergencies, including medical overview, neurology, gastroenterology, immunology, pulmonology, urology, hematology, endocrinology, toxicology, and other related topics. At completion, students will integrate pathophysiological assessment findings to formulate a field impression; implement a treatment plan for the medical patient; and integrate multiple determinants of medical conditions into clinical care. Instructor approval required.

EMSP 2444. CARDIOLOGY

(LECTURE 2, LAB 6). CREDIT 4. WECM.

Assessment and management of patients with cardiac emergencies. Includes single and multi-lead ECG interpretation. At completion, students will integrate pathophysiological principles and assessment findings to formulate an impression; and implement a treatment plan for the cardiac patient. Instructor approval required.

EMSP 2561. CLINICAL - EMT CLINICAL - EMERGENCY MEDICAL TECHNICIAN

(LECTURE 0, CLIN 15). CREDIT 5. WECM.

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